

ESTTA Tracking number: **ESTTA416235**

Filing date: **06/24/2011**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD

Proceeding	91193335
Party	Defendant RStudio, Inc.
Correspondence Address	CHARLES E. WEINSTEIN FOLEY HOAG LLP 155 SEAPORT BLVD, STE 1600 BOSTON, MA 02210-2600 UNITED STATES ARufo@foleyhoag.com, JHuston@foleyhoag.com, USTRademark@foleyhoag.com, cweinstein@foleyhoag.com, jjarvis@foleyhoag.com
Submission	Testimony For Defendant
Filer's Name	Anthony E. Rufo
Filer's e-mail	arufo@foleyhoag.com
Signature	/Anthony E. Rufo/
Date	06/24/2011
Attachments	004 Exhibit 9.pdf ( 63 pages )(6406638 bytes )

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD

EMBARCADERO TECHNOLOGIES, INC.,

Opposer,

v.

RSTUDIO, INC.

Applicant.

Opposition No. 91193335

Applications S.N.

77/691980

77/691984

77/697987

**APPLICANT'S NOTICE OF FILING OF TRIAL TESTIMONY**

Please take notice that pursuant to Trademark Rule 2.125(c), Applicant RStudio, Inc. is hereby filing electronically via the ESTTA system the deposition transcript of the trial testimony of Applicant's witness Joseph Allaire, taken on April 15, 2011 together with all associated exhibits.

Respectfully submitted,

RSTUDIO, INC.,

/Anthony E. Rufo/

---

Julia Huston

Charles E. Weinstein

Joshua S. Jarvis

Anthony E. Rufo

Foley Hoag LLP

155 Seaport Boulevard

Boston, MA 02210

Tel. 617/832-1000

[jhuston@foleyhoag.com](mailto:jhuston@foleyhoag.com)

[cweinstein@foleyhoag.com](mailto:cweinstein@foleyhoag.com)

[jjarvis@foleyhoag.com](mailto:jjarvis@foleyhoag.com)

[arufo@foleyhoag.com](mailto:arufo@foleyhoag.com)

Attorneys for Applicant

Dated: June 24, 2011

CERTIFICATE OF SERVICE

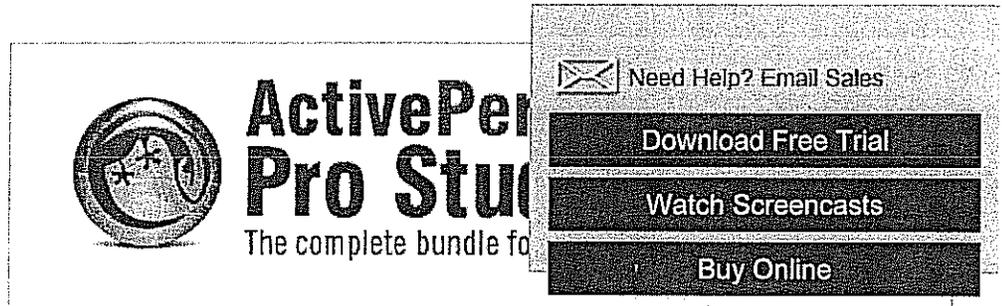
I hereby certify that I have this day served a true copy of the above-identified Notice of Filing of Trial Testimony upon Opposer's attorneys of record:

Martin R. Greenstein  
Mariela P. Vidolova  
TechMark A Law Corporation  
4820 Harwood Road, 2<sup>nd</sup> Floor  
San Jose, CA 95124-5273

via First-Class Mail and e-mail to [MRG@TechMark.com](mailto:MRG@TechMark.com) and [MPV@TechMark.com](mailto:MPV@TechMark.com).

/Anthony E. Rufo/  
Anthony E. Rufo





The banner features the ActivePerl Pro Studio logo on the left, which includes a circular icon with a stylized 'A' and 'P'. To the right of the logo, the text reads 'ActivePerl Pro Studio' in a large, bold font, followed by 'The complete bundle for...'. On the far right, there is a vertical stack of three buttons: 'Need Help? Email Sales' (with an envelope icon), 'Download Free Trial', 'Watch Screencasts', and 'Buy Online'.

## ActivePerl Pro Studio: Perl Dev Kit, Komodo IDE, Safari Books

### Everything for Perl in One Bundle

ActivePerl Pro Studio is everything a Perl programmer needs in one convenient package, delivering professional Perl tools Komodo IDE and Perl Dev Kit (PDK), plus premium access to Safari Books Online. The software licenses are permanent and include all updates and upgrades for one full year.

	Komodo IDE	Perl Dev Kit	ActivePerl Pro Studio
Essential tools for Perl programmers		•	•
Award-winning IDE	•		•
Multi-platform, user-based licenses	•	•	•
Safari Books online Subscription			•
Standard Price for Upgrades	\$145	\$145	Free!
Standard Price to Purchase	\$295	\$295	\$495

### Komodo IDE

ActiveState's Komodo IDE 5 is a professional development environment for dynamic languages and open technologies. With multi-language features, sharing and productivity tools, friendly multi-platform and user-based permanent licensing, an open source foundation, excellent technical support, an active user community, and ease of customization and extensibility, Komodo IDE is designed for small and diverse developer teams.



PDK & Komodo IDE Integration

RS548

### Perl Dev Kit

Turn your Perl programs into ready-to-run executables for Windows, Mac OS X, Linux, Solaris\*, and AIX\*. Generate executables for non-native platforms. Run a set of coding policies against your source code to ensure your code conforms. Painlessly debug Perl scripts. Generate code for sophisticated filters, or convert useful VBScript code to Perl. Plus create .NET and ActiveX components, Windows services and system tray applications, all written in Perl.

Learn more about Perl Dev Kit.

### ActivePerl Community Edition

ActivePerl Pro Studio includes download access for ActivePerl Community Edition, a commercial-grade language distribution ideal for community developers with open source projects. Need support, building critical applications or redistributing ActivePerl? You may need a different license. Compare ActivePerl Editions to determine which version is right for you.

### Safari Books Online

Safari Books Online is the premier electronic reference library for programming and IT professionals. Safari provides access to the electronic versions of over 3700 technical books from leading publishers.

With Safari access, ActivePerl Pro Studio members can search the entire Safari library in a matter of seconds to pinpoint precisely the piece of information or code fragment they need. Users can even filter searches to include "code fragments only."

Learn more about Safari Books Online.

### Subscribe

ActivePerl Pro Studio is offered by annual subscription. Your easy-to-budget subscription bundle include permanent software licenses for the latest release of Komodo IDE and Perl Dev Kit, all updates and upgrades, and one year's access to Safari Books Online.

The first year subscription to ActivePerl Pro Studio is \$495. Annual renewals are \$245 US (if purchased within 30 days of the subscription expiration date).

For Perl development teams, ActivePerl Pro Studio is available in packs of five for \$1,995 US.

Please email [sales@activestate.com](mailto:sales@activestate.com) for a custom quote if you require 30 or more subscriptions.

### Upgrade to ActivePerl Pro Studio

#### *Back to work special!*

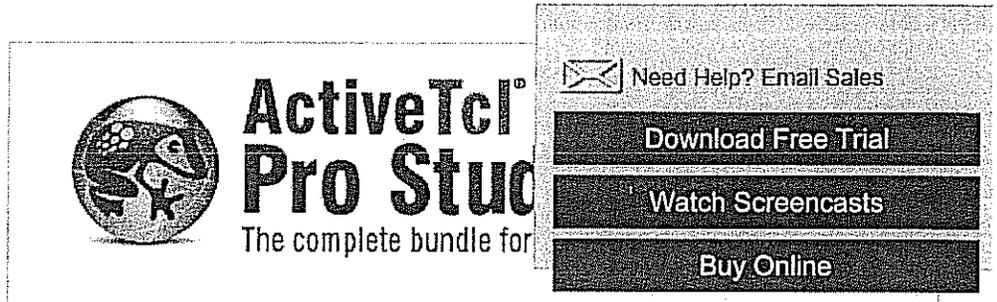
Already own Komodo or Perl Dev Kit? Want to upgrade to Pro Studio?  
**Save \$50 on upgrades to Pro Studio through September 30, 2010.**

Upgrade now from only ~~\$295~~ \$245 US through My Account.

Subscription expiring? Renew your subscription now through My Account.

\*PerlApp cross-platform wrapping targeting Solaris, AIX may require an ActivePerl Business Edition license.

\* If you renew prior to your expiration date, you save 10%. Renew now for only \$220.50 US.



**ActiveTcl<sup>®</sup> Pro Studio**  
The complete bundle for

Need Help? Email Sales

Download Free Trial

Watch Screencasts

Buy Online

## ActiveTcl Pro Studio: Tcl Dev Kit, Komodo IDE, Safari Books

### Everything for Tcl in One Bundle

ActiveTcl Pro Studio is everything a Tcl programmer needs in one convenient package, delivering professional Tcl tools Komodo IDE and Tcl Dev Kit (TDK), plus premium access to Safari Books Online. The software licenses are permanent and include all updates and upgrades for one full year.

	Komodo IDE	Tcl Dev Kit	ActiveTcl Pro Studio
Essential tools for Tcl programmers		•	•
Award-winning IDE	•		•
Multi-platform, user-based licenses	•	•	•
Safari Books online Subscription			•
Standard Price for Upgrades	\$145	\$145	Free!
Standard Price to Purchase	\$295	\$295	\$495

### Komodo IDE

ActiveState's Komodo IDE 5 is a professional development environment for dynamic languages and open technologies. With multi-language features, sharing and productivity tools, friendly multi-platform and user-based permanent licensing, an open source foundation, excellent technical support, an active user community, and ease of customization and extensibility, Komodo IDE is designed for small and diverse developer teams.

Learn more about Komodo IDE.

### Tcl Dev Kit

Professional suite of essential tools for Tcl programmers (originally based on TclPro), making it easier to build and deploy applications. Provides essential tools for Tcl programmers, making it easy to create, build and deploy applications. Rapidly deploy Tcl applications to a broad range of platforms, as ready-to-run executables, starkits or starpacks. Simplify development with tools for finding and fixing bugs, managing complex code bases, and optimizing your programs. Take control and work the way you want with a choice of GUIs or command line interfaces for most tools.

Learn more about Tcl Dev Kit.

### **ActiveTcl Community Edition**

ActiveTcl Pro Studio includes download access for ActiveTcl Community Edition, a commercial-grade language distribution ideal for community developers with open source projects. Need support, building critical applications or redistributing ActiveTcl? You may need a different license. Compare ActiveTcl Editions to determine which version is right for you.

### **Safari Books Online**

Safari Books Online is the premier electronic reference library for programming and IT professionals. Safari provides access to the electronic versions of over 3700 technical books from leading publishers.

With Safari access, ActiveTcl Pro Studio members can search the entire Safari library in a matter of seconds to pinpoint precisely the piece of information or code fragment they need. Users can even filter searches to include "code fragments only."

Learn more about Safari Books Online.

### **Subscribe**

ActiveTcl Pro Studio is offered by annual subscription. Your easy-to-budget subscription bundle include permanent software licenses for the latest release of Komodo IDE and Tcl Dev Kit, all updates and upgrades, and one year's access to Safari Books Online.

The first year subscription to ActiveTcl Pro Studio is \$495. Annual renewals are \$245 US (if purchased within 30 days of the subscription expiration date).

For Tcl development teams, ActiveTcl Pro Studio is available in packs of five for \$1,995 US.

Please email [sales@activestate.com](mailto:sales@activestate.com) for a custom quote if you require 30 or more subscriptions.

### **Upgrade to ActiveTcl Pro Studio**

#### *Back to work special!*

Already own Komodo or Tcl Dev Kit? Want to upgrade to Pro Studio?  
**Save \$50 on upgrades to Pro Studio through September 30, 2010.**

Upgrade now from only \$295 \$245 US through My Account.

Subscription expiring? Renew your subscription now through My Account.

\* If you renew prior to your expiration date, you save 10%. Renew now for only \$220.50 US.

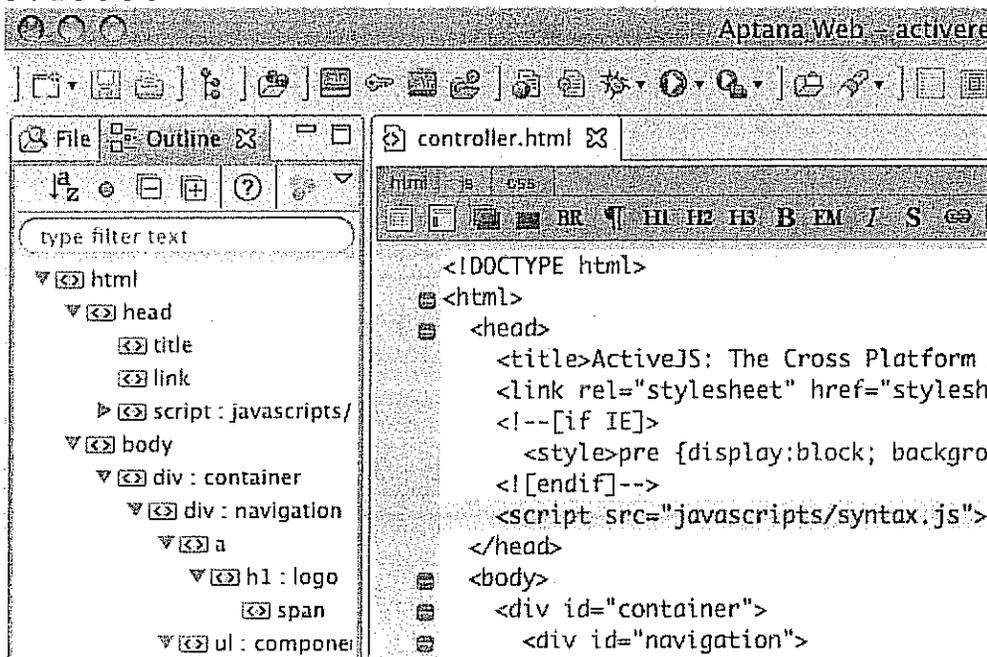
- PRODUCTS
- SUPPORT
- NEWS
- CONTRIBUTE

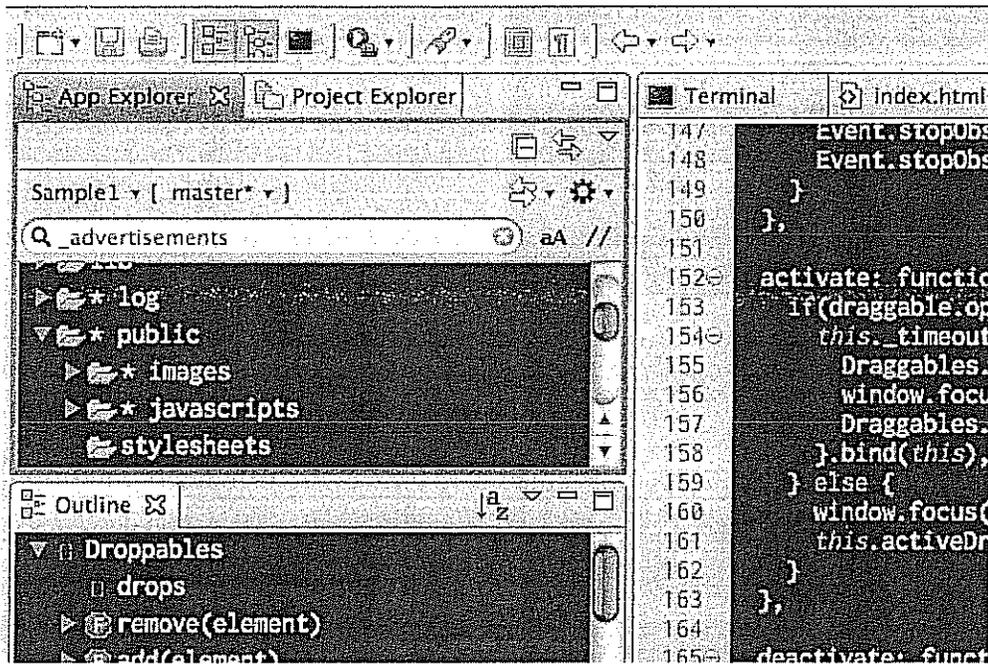
Aptana

## Aptana Studio 2

**Aptana Studio is the industry leading web development environment that combines powerful authoring tools for HTML, CSS, and JavaScript, along with thousands of additional plugins created by the community. [Learn more.](#)**

Download Aptana Studio 2  
5723550





## Aptana Studio 3

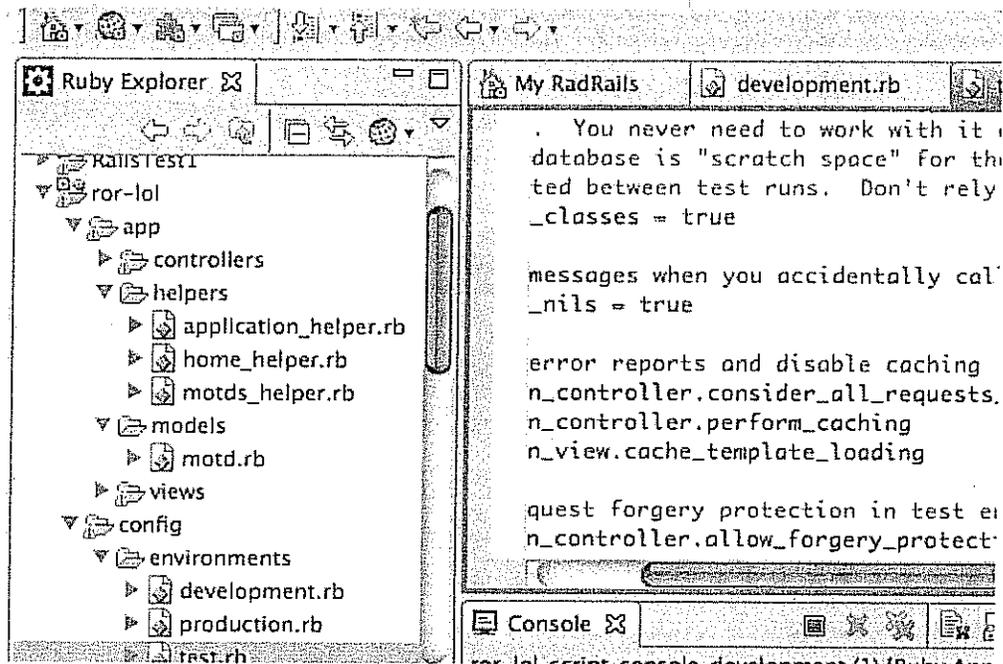
The world's most powerful open-source web development IDE just got better. Rebuilt from the ground-up. It's now much faster, customizable and includes new features to help you be more productive. [Learn more.](#)

[Download Aptana Studio 3](#)

## Aptana RadRails

A complete development environment for building professional applications with rich code completion for Ruby, Rails, JavaScript, CSS, and HTML. Powerful outlining and debugging capabilities. [Learn more.](#)

[Download RadRails](#)



**Build web applications quickly and easily using the industry's leading web application IDE. Aptana Studio harnesses the flexibility of Eclipse and focuses it into a powerful web development engine.**

#### APTANA ON TWITTER

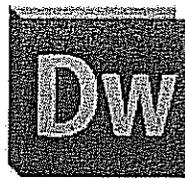
- 15d Aptana: New @Aptana Studio 3 beta release out (bug fixes, mostly). Download: <http://bit.ly/bxv4YC> Release Notes: <http://bit.ly/d2Hzna> #fb
- 29d Aptana: New @Aptana Studio 3 release with new icons from @Iconfactory, updated Pydev, @wordpress, mercurial, and bug fixes: <http://t.co/KYKMYpu> #fb
- 1m Aptana: Having trouble updating from the 7/21 Studio 3 beta on your mac? See <http://bit.ly/9W1Azt> #fb
- 1m Aptana: New release of @Aptana Studio 3 Beta, includes @EYCloud CLI support. Download: <http://bit.ly/bxv4YC> Release Notes: <http://bit.ly/d2Hzna> #fb
- 1m Aptana: Aptana Studio 3.0 beta update: JS/PHP/Ruby code assist, Helios based. Release Notes: <http://bit.ly/bhX9Xr> Download: <http://bit.ly/cqu8Uz> #fb
- 3m Aptana: There's a phishing attack going around asking to reset your password. If you see one from @aptana or anyone else, ignore

it, it's bogus. #fb

## **MORE ON TWITTER**

### **Developers Wanted**

**Aptana Studio 3 Beta now expands on the core capabilities of Aptana Studio 2 for building, editing, previewing and debugging HTML, CSS and JavaScript websites with PHP and Ruby on Rails web development. While still in Beta form, we appreciate any feedback you may have about the features and functions of Aptana Studio. Try it now**



**Complement Studio with a world class visual designer: Adobe DreamWeaver. 30-Day Free Trial**



**On-demand deployment and management of your Ruby on Rails applications with Engine Yard Cloud.**

Download Aptana Studio

- COMPANY
- PRIVACY
- LEGAL
- TWITTER
- FACEBOOK

Copyright © 2005 – 2010 Aptana, Inc.

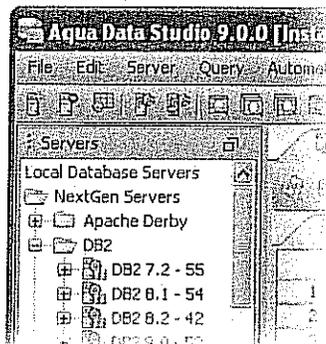


- [Home](#)
- [Screenshots](#)
- [Downloads](#)
- [Documentation](#)
- [Support](#)
- [Licensing](#)
- [Contact](#)

- [Oracle](#)
- [DB2 iSeries](#)
- [DB2 LUW](#)
- [DB2 z/OS](#)
- [SQL Server](#)
- [Sybase ASE](#)
- [Sybase Anywhere](#)
- [Sybase IQ](#)
- [Teradata](#)
- [nCluster](#)
- [Informix](#)
- [PostgreSQL](#)
- [MySQL](#)
- [Apache Derby](#)

Aqua Data Studio 9.0 beta

New Features in 9.0... [\[View New Features\]](#) [\[Application Videos\]](#)



**Aqua Data Studio is used by...**

- BlackRock
- BNP Paribas
- Citigroup
- Deutsche Bank
- Home Depot
- IBM
- Royal Bank of Scotland Group
- Target Corporation
- UnitedHealth Group
- Vodafone Group

list...

**Aqua Data Studio History**

**2010**

Aug: ADS 9.0 beta Released  
features

**2009**

Oct: ADS 8.0 Released  
features Press Release

Apr: ADS 7.5 Released  
features Press Release

**2008**

Oct: ADS 7.0 Released  
features Press Release

**2007**

Oct: ADS 6.5 Released  
features Press Release

Sep: No-cost OSS Developer License  
Press Release

Jan: ADS 6.0 Released  
features Press Release

**2006**

Apr: ADS 4.7 Released

**Aqua Data Studio** is a complete Integrated Development Environment (IDE) for database administrators, software developers and business analysts. It provides four major areas of functionality: 1) Database query and administration tools; 2) a suite of compare tools for databases, source control and file systems; 3) a complete and integrated source control client for Subversion (SVN) and CVS; and 4) a database modeler as powerful as the best standalone database diagramming tools.

**OS Support:** \* ADS for Windows \* ADS for Linux \* ADS for OSX \* ADS for Solaris \* ADS for Java Platform

**RDBMS Support:** (Oracle - 11g, 10g, 9i, 8i) (DB2 iSeries V5R3, V5R4, V6R1) (DB2 LUW - 9.7/9.x/8/7) (DB2 z/OS - V8/V9) (MS SQL Server - 2008/2005/2000/7/MSDE) (Sybase ASE - 15/12.x/11.x) (Sybase Anywhere - 11/10/9/8) (Sybase IQ - 12.x, 15) (Teradata 12) (Aster nCluster 4.0) (Informix IDS - 11.x/10/9.x/7.x) (PostgreSQL - 8.4/8.x/7.x) (MySQL - 5.x/4.x/3.x) (Apache Derby 10.x) (Generic JDBC Platform) (Generic ODBC)

**Database IDE:** The database query and administration tools allow developers to easily create, edit, and execute SQL scripts, as well as browse and visually modify database structures. Aqua Data Studio provides an integrated database environment with a consistent interface for all major relational databases. This allows the database administrator or developer to tackle multiple tasks simultaneously from a single application.



Query Tool



SQL History/Archive



SQL Debuggers

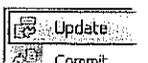


SQL Formatter

**Version Control:** Integrated version control provides a complete client for Subversion and CVS repositories, allowing you to manage all source control repositories within one easy-to-use IDE using the Repository Browser.



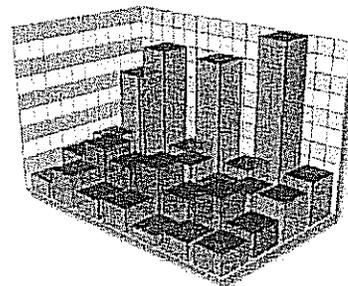
Subversion (SVN)



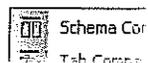
CVS



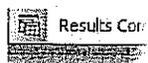
**Scriptable Charts - Gallery**



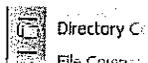
**Compare Tools:** The suite of compare tools in Aqua Data Studio allows you to view the differences of RDBMS servers, databases and schemas for database tasks with ease. You can further compare the differences of files, directory structures, source control files and full revisions.



Database Schema Compare



Query Results Compare



Directory Compare



File Compare

**Database Modeling:** The Entity-Relationship Modeler vastly reduces development time and increases understanding of database schemas and relationships. You can create, explore, detail, and modify database schemas to create fully editable and scriptable diagrams of database relationships and objects.



ER Modeler

features [Press Release](#)

#### 2005

Oct: ADS 4.5 Released

features [Press Release](#)

Feb: ADS 4.0 Released

features [Press Release](#)

#### 2004

Jun: ADS 3.7 Released

features [Press Release](#)

#### 2003

Oct: ADS 3.5 Released

features [Press Release](#)

May: ADS 3.0 Released

Feb: ADS 2.0 Released

Jan: ADS 1.5 Released

#### 2002

Nov: ADS 1.0 Released

Jan: ADS development begins

---

[Home](#) • [Screenshots](#) • [Downloads](#) • [Documentation](#) • [Support](#) • [Licensing](#) • [Contact](#) • [Privacy](#)

Copyright © 2001-2010 AquaFold, Inc. All Rights Reserved.



Search  Search

### Advanced Search

- Products
  - Touch Solutions
    - Buttons, Sliders & Wheels
    - Touchscreens
    - QTouch Library
  - Microcontrollers
    - AVR® 8- and 32-bit Solutions
    - ARM-based Solutions
    - MCU Wireless
    - 8051 Architecture
    - AT91CAP Microcontrollers
  - Automotive
    - Automotive Control
    - Automotive Microcontrollers
    - Broadcast Radio
    - CAN/VAN Networking
    - Car Access
    - Drivers/High-temperature ICs
    - GPS
    - Industrial Control
    - Li-Ion Battery Management
    - LIN Networking
    - Serial EEPROM
    - Tire Pressure Monitoring
  - Security
    - Secure Authentication: CryptoAuthentication
    - Secure RFID: CryptoRF®
    - Secure Memory: Crypto Memory®
    - Secure Microcontrollers: Trusted Platform Module
    - Secure Microcontrollers: 8-/16-bit RISC CPU
    - Secure Microcontrollers: 32-bit RISC CPU
    - Secure Microcontrollers for M2M Applications
    - Smart Card Reader ICs
    - Embedded Security
  - Memories
    - DataFlash®
    - EPROM
    - Parallel EEPROM
    - Serial EEPROM
    - Serial Flash
  - Wireless
    - MCU Wireless
    - RF Identification
    - Smart RF
  - Other
    - Audio, Multimedia
      - Dream Sound Synthesis
      - IR Control Military/Aerospace
      - ASICs for Military/Avionics
      - EPLD Military Devices
      - Space RAD Hard ICs Other
      - Analog Companions (PMAAC)
      - Digital Temperature Sensors
      - FPGA Configuration Memory
      - SPLD/CPLD
      - Field Programmable Gate Arrays

RS558

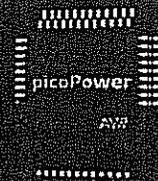
- Customer Specific ICs
- FPGA Conversion ULC Mature Products
- FPSLIC™ (AVR with FPGA)
- Parallel Flash
- Other Mature Products
- Applications
  - Automotive
    - Automotive Control
    - Battery Management
    - Car Access
    - Infotainment
    - Networking
    - Microcontrollers
    - Motor Control Systems
  - Building Automation
    - Fire and Security
    - Comfort and Control
    - Telecare
  - Home Appliances
    - Refrigeration
    - Cooking
    - Washing
    - Motor Control
  - Home Entertainment
    - Audio
    - Video
    - Remote Controls
  - Industrial Automation
    - Human Machine Interface
    - PLC and IO Modules
    - Sensors
    - Instruments
    - Industrial Communications
  - Lighting
    - Fluorescent Ballasts
    - HID Ballasts
    - LED Ballasts
    - Lighting Control
  - Metering
    - Electricity Meters
    - Gas and Water Meters
    - Data Concentrators
    - In-Home Display Units
  - Mobile Electronics
    - Mobile Phones and Devices
    - Portable Game Consoles
    - Automotive
    - Cameras
    - Netbooks
    - PDA's
    - Portable Audio Players
  - PC Peripherals
    - Small I/O Devices
    - Large I/O Devices
    - Audio I/O Devices
    - Mass Storage Devices
    - PC Accessories
- Buy
  - Atmel Sales Offices
  - Distributors
  - Sales Representatives
- Corporate
  - Corporate Home
  - Fact Sheet
  - Overview
  - Awards & Recognition

- [Tradeshows & Conferences](#)
- [Corporate Releases](#)
- [Seminars & Events](#)
- [Channel Partner Events](#)
- [Executive Profiles](#)
- [Board of Directors](#)
- [Investors Home](#)
  - [Annual Reports](#)
  - [Press Releases](#)
  - [Events and Webcasts](#)
  - [Earnings Estimate](#)
  - [FAQs](#)
  - [Stock Information](#)
  - [Fundamentals](#)
  - [Analyst Coverage](#)
  - [SEC Filings](#)
  - [Corporate Governance](#)
  - [E-mail Alerts](#)
  - [Executive Profiles](#)
  - [Board of Directors](#)
- [Press Room](#)
  - [Corporate Releases](#)
  - [Product Releases](#)
  - [Technical News Briefs](#)
  - [Analyst Room](#)
  - [Speakers Bureau](#)
  - [Atmel in the News](#)
- [Careers](#)
  - [Job Openings](#)
  - [Benefits Package](#)
- [Quality](#)
  - [Quality Home](#)
  - [Cust Satisfaction Survey Results'08](#)
  - [Quality Inquiry](#)
  - [Quality Policy](#)
  - [Quality System Certificates](#)
  - [RMA & FA](#)
  - [Reliability Information](#)
  - [Corporate Quality Policy Specs](#)
  - [Obsolescence Info](#)
  - [FAQ Response Summary](#)
- [Contact Us](#)
  - [Sales Support](#)
  - [Technical Support](#)
  - [Distributor Stock Check](#)

[Products](#) > [AVR Solutions](#) > [Tools & Software](#) > [AVR Studio 4](#)  
[AVR Solutions](#)

- [AT91CAP](#)
- [8051](#)
- [Wireless](#)
- [ARM-based](#)
- [AVR 8-, 32-bit](#)

8- and 32-bit low power, high performance MCU



- [Home](#)
- [Overview](#)

RS560

- o 32-bit AVR UC3
- o 8/16-bit AVR XMEGA
- o 8-bit megaAVR
- o 8-bit tinyAVR
- o Battery Management
- Technology
  - o picoPower
  - o 0.7V tinyAVR
  - o DMA Controller
  - o Peripheral Event System
  - o SleepWalking
  - o CPU
  - o FPU
  - o Clocks
  - o Interrupts
  - o Cryptography
  - o I/O
  - o Analog Conversion
  - o Timers
  - o Communication
  - o USB
  - o Packages
  - o Development Tools
- AVR Xplain Series
- Devices
- Datasheets
- Tools & Software
- Application Notes
- Other Documents
- FAQs - MCU
- MCU Support Center
- Third Party Support
- Consultants
- University Program
- Request Samples
- What's Changed

SHARE    

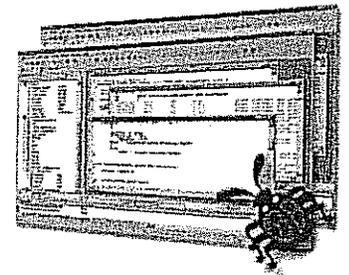
## AVR Studio 4

AVR Studio 4 is the Integrated Development Environment (IDE) for developing 8-bit AVR applications in Windows NT/2000/XP/Vista/7 environments.

AVR Studio 4 provides a complete set of features including debugger supporting run control including source and instruction-level stepping and breakpoints; registers, memory and I/O views; and target configuration and management as well as full programming support for standalone programmers.

### AVR Studio 4 features

- Integrated Assembler
- Integrated Simulator
- Integrates with GCC compiler plug-in
- Support for all Atmel tools that support the 8-bit AVR architecture, including the AVR ONE!, JTAGICE mkI, JTAGICE mkII, AVR Dragon, AVRISP, AVR ISPMkII, AVR Butterfly, STK500 and STK600
- AVR RTOS plug-in support
- support for AT90PWM1 and ATtiny40
- Command Line Interface tools updated with TPI support
- Online help



RS561

 [View Applications](#)

### Documents



AVR1016: AVR Training QTouch Xplained(Application Note, 18 pages, revision A, updated 5/10)

The purpose of this training is to get familiar with the Atmel QTouch Library 4.0 and how to use it in your own applications.

AVR1500: Xplain training - XMEGA Basics (Application Note, 16 pages, revision A, updated 8/10)

This Application Note will get you started with Atmel® AVR® XMEGA™ basics, using the IO ports to show various concepts in four tasks. You will learn to use small code fragments, utilizing the XMEGA header files and some of the XMEGA features for more efficient and compact code.

AVR1501: Xplain training - XMEGA Timer/Counter (Application Note, 15 pages, revision A, updated 8/10)

This Application Note will get you started with Atmel® AVR® XMEGA™ timers, PWM generation, High resolution Extension, Advanced Waveform extension and many other features of the high-end and very flexible XMEGA 16-bit Timer/Counters.

AVR1502: Xplain Training - Direct Memory Access Controller (Application Note, 10 pages, revision A, updated 8/10)

This Application Note will get you started with Atmel® AVR® XMEGA™ Direct Memory Access Controller (DMAC). You will learn to perform simple memory transfers almost without using CPU time, and reading and writing to peripherals with hardly any CPU intervention.

AVR1503: Xplain training - XMEGA Programmable Multi Interrupt Controller (Application Note, 7 pages, revision A, updated 8/10)

This Application Note will get you started with Atmel® AVR® XMEGA™ advanced Programmable Multi-level Interrupt Controller (PMIC) which allows control over interrupt priorities and scheduling of interrupts.

AVR1504: Xplain training - XMEGA Event System (Application Note, 15 pages, revision A, updated 8/10)

This Application Note will get you started with Atmel® AVR® XMEGA™ Event System which allows inter-peripheral communication, enabling a change of state in one peripheral to automatically trigger actions in other peripherals, without any use of interrupts or CPU and DMA resources.

AVR1505: XMEGA training - ADC (Application Note, 11 pages, revision A, updated 8/10)

This Application Note will get you started with Atmel® AVR® XMEGA™ ADC which has an optional gain stage and is capable of 12-bit resolution and 2 million samples per second (MSPS), single-ended or differential measurements, signed or unsigned results.

AVR1506: Xplain training - XMEGA clock system (Application Note, 12 pages, revision A, updated 8/10)

This Application Note will get you started with Atmel® AVR® XMEGA™ clock system which supports a large number of clock sources, oscillators, PLL, prescalers, a calibration system and clock monitoring. More details of the XMEGA clock system are also available in AVR1003.

AVR1507: Xplain training - XMEGA Crypto Engines (Application Note, 11 pages, revision A, updated 8/10)

This Application Note will get you started with Atmel® AVR® XMEGA™ powerful hardware support for encryption algorithms. Details of the mathematics behind the DES and AES algorithms are beyond the scope of this application note and will not be covered.

AVR1508: Xplain training - XMEGA DAC (Application Note, 11 pages, revision A, updated 8/10)

This Application Note will get you started with Atmel® AVR® XMEGA™ Digital to Analog Converter (DAC) which is capable of 12-bit resolution and 1 million samples per second (MSPS).

AVR1509: Xplain training - Low Power (Application Note, 12 pages, revision A, updated 8/10)

This Application Note will get you started with Atmel® AVR® XMEGA™ various sleep modes and software controlled clock gating which allow to tailor power consumption to the application's requirement.

AVR1510: Xplain training - XMEGA USART (Application Note, 10 pages, revision A, updated 8/10)

This Application Note will get you started with using Atmel® AVR® XMEGA™ USART (Universal Synchronous Asynchronous Receiver Transmitter) in polling mode, interrupt mode and how to use the DMA Controller to transfer data without CPU interaction.

Release notes AVR Studio 4.18 (b684) (Other, updated 11/09)

Release notes AVR Studio 4.18 SP1 (b692) (Other, updated 12/09)

Release notes AVR Studio 4.18 SP2 (Other, updated 2/10)

AVR Instruction Set (Other, 160 pages, revision I, updated 7/10)

Novice's Guide to AVR Development (Article, 5 pages, updated 6/03)

#### Software

QTouch Library 4.3 (21 MB, revision 4.3, updated 7/10)

AVR Studio 4.18 SP2 (b700) (28 MB, updated 2/10)

#### New device support since the release of AVR Studio 4.18:

See Release Notes 4.18 SP2 for more details.

AVR Studio 4.18 SP1 (build 692) (28 MB, updated 12/09)

#### New device support since the release of AVR Studio 4.18:

See Release Notes 4.18 SP1 for more details.

AVR Studio 4.18 (build 684) (116 MB, updated 11/09)

AVR Studio 4.18 includes new device support and numerous overall enhancements;

QT600 support in programming dialog in AVR Studio, AVR Dragon support for all AVR 8-bit devices including XMEGA, Programming and debugging within AVR Studio, command line software support for ELF production file format and button for starting AVR32 Studio.

AVR LCD Visualizer (1 MB, revision 1.0, updated 02/04)

RS562



Create and modify your own LCD displays with the editor, debug and visualize inside AVR Studio 4. Run-time update with ICE50 and Simulator. Supports ATmega169. Minimum requirement: AVR Studio 4.07. Remove old LCD plug-ins before installing.

## Related Applications

### Audio and Home Entertainment

- Remote Controls

### Automotive

- Car Access
- Infotainment
- Networking
- Microcontrollers
- Motor Control Systems

### Home and Building Automation

- Fire and Security
- Comfort and Control
- Telecare

### Home Appliances

- Washing
- Cooking
- Refrigeration
- Motor Control

### Industrial Automation

- Industrial Communications
- Human Machine Interface
- PLC and I/O Modules
- Sensors
- Instruments

### Lighting

- Fluorescent Ballasts
- HID Ballasts
- LED Ballasts
- Lighting Control

### Metering

- Electricity Meters
- Gas and Water Meters
- Data Concentrators
- In-Home Display Units

### Mobile Electronics

- Portable Audio Players
- Mobile Phones and Mobile Internet Devices
- Portable Game Consoles
- Cameras
- Netbooks
- PDAs

### PC Peripherals

- Small I/O Devices
- Large I/O Devices
- Mass Storage Devices
- PC Accessories

RS563

## Related Devices

AT90CAN128 AT90CAN128 Automotive AT90CAN32 AT90CAN32 Automotive AT90CAN64 AT90CAN64 Automotive  
 AT90PWM1 AT90PWM2 AT90PWM216 AT90PWM2B AT90PWM3 AT90PWM316

[AT90PWM3B](#) [AT90PWM81](#) [AT90S1200](#) [AT90S2313](#) [AT90S2323](#) [AT90S2343](#)  
[AT90S4433](#) [AT90S8515](#) [AT90S8535](#) [AT90USB1286](#) [AT90USB1287](#) [AT90USB162](#)  
[AT90USB646](#) [AT90USB647](#) [AT90USB82](#) [ATmega103](#) [ATmega128](#) [ATmega1280](#)  
[ATmega1280R212](#) [ATmega1280R231](#) [ATmega1281](#) [ATmega1281R212](#) [ATmega1281R231](#) [ATmega1284](#)  
[ATmega1284P](#) [ATmega1284PR231](#) [ATmega1284RZAP](#) [ATmega128A](#) [ATmega128RZAV](#) [ATmega128RZBV](#)  
[ATmega16](#) [ATmega161](#) [ATmega162](#) [ATmega163](#) [ATmega164A](#) [ATmega164P](#)  
[ATmega164P Automotive](#) [ATmega164PA](#) [ATmega165](#) [ATmega165P](#) [ATmega165PA](#) [ATmega168](#)  
[ATmega168 Automotive](#) [ATmega168A](#) [ATmega168P](#) [ATmega168PA](#) [ATmega169](#) [ATmega169P](#)  
[ATmega169P Automotive](#) [ATmega169PA](#) [ATmega16A](#) [ATmega16HVA](#) [ATmega16HVB](#) [ATmega16M1](#)  
[ATmega16U2](#) [ATmega16U4](#) [ATmega2560](#) [ATmega2560R212](#) [ATmega2560R231](#) [ATmega2561](#)  
[ATmega2561R212](#) [ATmega2561R231](#) [ATmega256RZAV](#) [ATmega256RZBV](#) [ATmega32](#) [ATmega323](#)  
[ATmega324A](#) [ATmega324P](#) [ATmega324P Automotive](#) [ATmega324PA](#) [ATmega325](#) [ATmega3250](#)  
[ATmega3250P](#) [ATmega325P](#) [ATmega328](#) [ATmega328P](#) [ATmega328P Automotive](#) [ATmega329](#)  
[ATmega3290](#) [ATmega3290P](#) [ATmega329P](#) [ATmega32A](#) [ATmega32CI Automotive](#) [ATmega32HVB](#)  
[ATmega32M1](#) [ATmega32M1 Automotive](#) [ATmega32U2](#) [ATmega32U4](#) [ATmega406](#) [ATmega48](#)  
[ATmega48 Automotive](#) [ATmega48A](#) [ATmega48P](#) [ATmega48PA](#) [ATmega64](#) [ATmega640](#)  
[ATmega644](#) [ATmega644A](#) [ATmega644P](#) [ATmega644P Automotive](#) [ATmega644PA](#) [ATmega644PR231](#)  
[ATmega644R212](#) [ATmega645](#) [ATmega6450](#) [ATmega649](#) [ATmega6490](#) [ATmega64A](#)  
[ATmega64CI Automotive](#) [ATmega64M1](#) [ATmega64M1 Automotive](#) [ATmega64RZAPV](#) [ATmega64RZAV](#) [ATmega8](#)  
[ATmega8515](#) [ATmega8535](#) [ATmega88](#) [ATmega88 Automotive](#) [ATmega88A](#) [ATmega88P](#)  
[ATmega88PA](#) [ATmega8A](#) [ATmega8U2](#) [ATtiny10](#) [ATtiny11](#) [ATtiny12](#)  
[ATtiny13](#) [ATtiny13A](#) [ATtiny15L](#) [ATtiny167](#) [ATtiny167 Automotive](#) [ATtiny20](#)  
[ATtiny2313](#) [ATtiny2313A](#) [ATtiny24](#) [ATtiny24 Automotive](#) [ATtiny24A](#) [ATtiny25](#)  
[ATtiny25 Automotive](#) [ATtiny26](#) [ATtiny261](#) [ATtiny261 Automotive](#) [ATtiny261A](#) [ATtiny28L](#)  
[ATtiny4](#) [ATtiny40](#) [ATtiny4313](#) [ATtiny43U](#) [ATtiny44](#) [ATtiny44 Automotive](#)  
[ATtiny44A](#) [ATtiny45](#) [ATtiny45 Automotive](#) [ATtiny461](#) [ATtiny461 Automotive](#) [ATtiny461A](#)  
[ATtiny48](#) [ATtiny5](#) [ATtiny84](#) [ATtiny84 Automotive](#) [ATtiny85](#) [ATtiny85 Automotive](#)  
[ATtiny861](#) [ATtiny861 Automotive](#) [ATtiny861A](#) [ATtiny87](#) [ATtiny87 Automotive](#) [ATtiny88](#)  
[ATtiny88 Automotive](#) [ATtiny9](#) [ATxmega128A1](#) [ATxmega128A3](#) [ATxmega128A4](#) [ATxmega128D3](#)  
[ATxmega128D4](#) [ATxmega16A4](#) [ATxmega16D4](#) [ATxmega192A1](#) [ATxmega192A3](#) [ATxmega192D3](#)  
[ATxmega256A1](#) [ATxmega256A3](#) [ATxmega256A3B](#) [ATxmega256D3](#) [ATxmega32A4](#) [ATxmega32D4](#)  
[ATxmega384A1](#) [ATxmega64A1](#)

Follow Atmel      [Subscribe](#)

© 2010 Atmel Corporation. [Legal](#) | [Privacy](#) | [Terms & Conditions of Sale](#)


 SEARCH

- Home
- Products
  - Migration and Reengineering
    - Forms2Net
  - Quality and Optimization
    - Q-CARE
    - CobolStudio
  - Development Solutions
    - CobolStudio
- Services
  - Migration Services
    - Access2Net
    - Cobol2Java
    - Cobol2Net
    - Forms2Java
  - Other Migration Needs
- News and Events
- About Us
  - Profile & Mission
  - Management Profile
  - Careers
  - Business Partners
  - Academic Partners
  - European Projects
  - Contacts

**Migration Made Easy**

**Home**

## PRODUCTS

### CobolStudio



COBOL STUDIO is an IDE (Integrated Development Environment) for the development and quality assurance of applications developed in COBOL.

### Forms2Net



Forms2Net is the only migration tool for the automated conversion of Oracle Forms applications to Microsoft .NET technology: Minimising time, cost and risk of the migration process; Reducing software maintenance costs; ...

**MORE PRODUCTS**

## SERVICE

### Migration Services



ATX offers various types of migration services to cater for different types of customer needs.

For other migration offers go to [Other Migration Needs](#).

[MORE SERVICES](#)

## NEWS AND EVENTS

10 Jun 2010

[2010 Product Innovation Award Nomination by Microsoft](#)

24 Feb 2010

[Sensoria ends with a Bang!](#)

18 Dec 2009

[ATX/Microsoft Deliver Academy Live Session](#)

20 Nov 2009

[ATX @ Technology World 2009](#)

[MORE NEWS](#)



ATX Technologies | send your comments or suggestions to the [webmaster](#)  
ATX Technologies Limited © 2009, all rights reserved



## Product Information

[Product Overview](#)

## Description

[Feature List](#)
[Datasheet \(PDF\)](#)
[System Requirements](#)
[FAQ](#)
[Comparison Chart](#)
[Customer Quotes](#)
[Product List](#)
[CCS Developer Awards](#)

## News and Reviews

## Downloads

## Support &amp; Training

## Documentation

## Updates

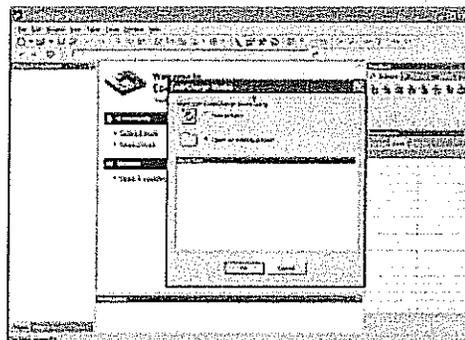
## Community

## Subscribe

 Subscribe to  
announcements


[Unsubscribe](#)

## CodeCharge Studio 4.3



- [Feature List](#)
- [Download](#)
- [Live Demos & Examples](#)
- [Data sheet \(PDF\)](#)
- [Documentation](#)
- [Marketplace](#)
- [Buy Now](#)



Starting at only \$139.95  
(Personal Edition)

### Accelerate Web Development with professional Web Application Generator (create dynamic Websites like this one with minimal coding)

CodeCharge Studio is the leading and most productive solution for visually creating database-driven Web applications with minimal amount of coding. The support for virtually all databases, web servers and web technologies makes CodeCharge Studio one of a kind. It is a complete solution available for Web development.

Whether you are a legacy developer, MS Access programmer or experienced Web engineer, you can use CodeCharge Studio to rapidly develop anything from simple database-driven Web applications to complex e-business solutions.

The included Application Builder instantly converts your database (MS Access, MS SQL, MySQL, Oracle, etc.) into a working Web application with login-protected user access to database search, list, view and update functions.

CodeCharge Studio delivers the speed of code generation integrated with a full featured, powerful IDE. You can quickly generate dynamic, bug-free web sites in PHP, ASP, JSP, Perl, ColdFusion, ASP.NET. And then edit and customize your applications using the Studio's powerful code editors.

What's more, you can use any HTML editor to modify the HTML+CSS Website designs created by CodeCharge Studio.

## Features

**Visual IDE and Code Generator**  
Rapidly build web applications by generating robust, scalable programming code in ASP.NET (C#), ASP, PHP, Java Servlets, JSP, ColdFusion and Perl.

**Database-to-Web Converter**  
Convert any database into a Web application in just a few minutes.

**MS FrontPage® Add-In**  
Transform Microsoft® FrontPage® into a powerful Web development environment.

**Pre-built Solutions**

## Benefits

**Reduce Development Time**  
Eliminate time-consuming programming tasks and build scalable, robust Web Applications in a fraction of the time.

**Minimize Errors**  
Avoid costly programming errors and misspellings by generating consistent, well-structured code.

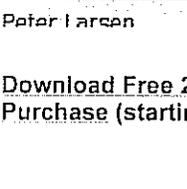
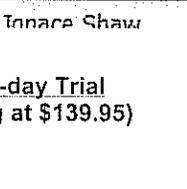
**Reduce Learning Curve**  
Analyze and modify generated code to learn web technologies and take on programming projects in any environment.

**Sample Applications**

RS567

Customize and enhance any of the examples included with CodeCharge:

- Community Portal
- Online Store
- Task Management System
- Employee Directory
- Bug Tracker
- Forum / Message Board

Employee Gallery		
Total Records: 34		
Helen Deering 	Alexander Atkinson 	Ken Price 
Peter Larsen 	Tonaca Shaw 	George Pei 

- [Full List of Features](#)
- [Online Demos & Examples](#)

- [Download Free 20-day Trial](#)
- [Purchase \(starting at \\$139.95\)](#)

## NEW IN VERSIONS 3 & 4

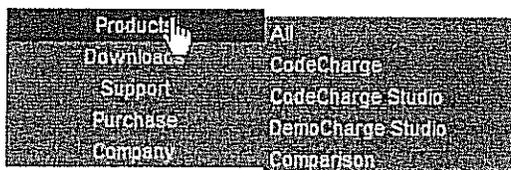
### Ajax Features

CodeCharge Studio supports development of Ajax-enabled applications through a set of Ajax features, services and builders.

Employee	
Name	<input type="text"/>
Title	<input type="text"/>
Department Id	Select Value <input type="button" value="v"/>
Email	<input type="text"/>
Phone Home	<input type="text"/>
Phone Work	<input type="text"/>
Phone Cell	<input type="text"/>
Fax	<input type="text"/>
City	<input type="text"/>
Zip	<input type="text"/>
Address	<input type="text"/>

### Menu Builder

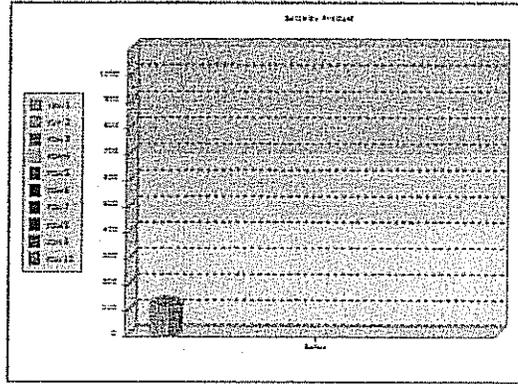
**Menu Builder** provides a visual method for designing and including menus within Web pages. Menus can be based on data from a database or static values specified in the builder.



### Flash Charts and Flash Chart Builder

RS568

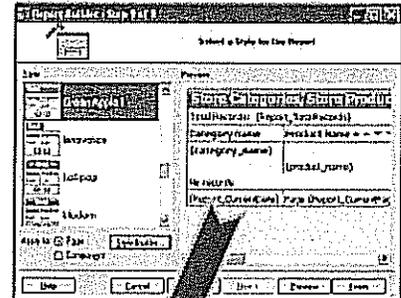
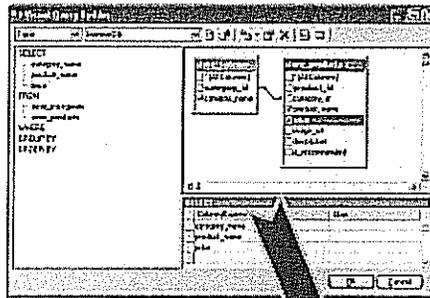
**Flash Chart Builder** provides a visual method for designing and including Flash charts within a Web page. The **Flash Chart** component retrieves data from the database at run-time and



### Web Reporting

Creating Web reports has just become a whole lot easier for PHP, ASP.NET, ASP, Java, ColdFusion and Perl developers.

With CodeCharge Studio 4.3 you can visually create professional Web reports in minutes.



Category	Item	Unit Price	Category Current Total	Report Running Total	Percent of Category	Percent of Report
<b>Databases</b>						
	Designing ASP Databases	\$11.41	\$28.60	\$28.60	21.00%	5.40%
	MySQL	\$31.41	\$78.60	\$78.60	21.00%	5.40%
	MySQL and mSQL	\$27.64	\$107.64	\$107.64	16.72%	2.12%
	Creating Web Databases	\$43.83	\$151.47	\$151.47	22.11%	3.24%
	Web Database Development	\$35.83	\$187.30	\$187.30	21.00%	3.40%
		<b>Category Total</b>	<b>\$187.30</b>			
<b>HTML &amp; Web design</b>						
	1001 Web Site Tips and Tricks	\$22.85	\$22.85	\$22.85	12.20%	1.20%
	Flash & Java	\$18.85	\$41.70	\$41.70	21.00%	2.20%
	HTML4	\$18.85	\$60.55	\$60.55	32.30%	3.20%
	Web Design in a Minute!	\$22.85	\$83.40	\$83.40	44.00%	4.40%
		<b>Category Total</b>	<b>\$83.40</b>			
<b>Programming</b>						
	Beginning ASP: Second Edition	\$22.85	\$22.85	\$22.85	7.50%	1.20%
	Quick Start Web Programming Reference	\$27.85	\$50.70	\$50.70	1.20%	2.12%
	CGI Programming	\$24.85	\$75.55	\$75.55	8.20%	4.20%
	Collision-Free & Easy Development	\$18.85	\$94.40	\$94.40	4.00%	2.12%
	WebSite Construction	\$23.85	\$118.25	\$118.25	8.20%	5.40%
	MySQL & Perl Fundamentals	\$23.85	\$142.10	\$142.10	6.40%	2.12%
	Perl and CGI for the Windows User	\$18.85	\$160.95	\$160.95	2.50%	2.12%
	Perl and MySQL Web Development	\$18.85	\$179.80	\$179.80	8.20%	5.40%
	Professional JSP, J2EE Course	\$47.85	\$227.65	\$227.65	11.20%	6.50%
	Programming PHP	\$23.85	\$251.50	\$251.50	6.50%	4.40%
	Teach Yourself ColdFusion 21 Days	\$23.85	\$275.35	\$275.35	7.50%	4.40%
	Web Development with JSP	\$23.85	\$299.20	\$299.20	6.40%	4.40%
	Web Development with PHP 4.0	\$18.85	\$318.05	\$318.05	6.40%	4.40%
		<b>Category Total</b>	<b>\$318.05</b>			
<b>Total Report</b>			<b>Items Total</b>			
			<b>\$1111.11</b>			

Web Calendar Builder, CSS Style Builder, Internationalization are just some of the other new features in CodeCharge Studio 4.3.

## Sample Websites created using CodeCharge Studio

Here are only a few examples of Websites created using CodeCharge Studio:

- Dating Website: [www.datemyfriend.net](http://www.datemyfriend.net)
- Online Store: [www.babychime.com](http://www.babychime.com)
- Web-based Calendar: [www.sbuniv.edu/calendar/](http://www.sbuniv.edu/calendar/)
- Corporate Website: [www.yessoftware.com](http://www.yessoftware.com)
- Web Forums/Discussions: [forums.codecharge.com](http://forums.codecharge.com)
- Informational/Product Website: [www.ultraapps.com](http://www.ultraapps.com)
- Community Website: [www.jeepskiing.com](http://www.jeepskiing.com)
- Thousands of Corporate Sites and Intranet Portals

Click [here to view Flash demo](#) showing how easy it is to create your first Web application.

## Companies using CodeCharge Studio

In addition to tens of thousands of individual Web developers and consultants, CodeCharge Studio is used at such respectable organizations as:

- AT&T
- Bank One
- BF Goodrich
- Commerce Bank
- Commonwealth Bank Australia
- Countrywide
- Deutsche Bank
- EDS
- Embarq/Sprint
- Federal Reserve Bank
- Home Savings Bank
- IBM
- Intel
- MCI
- Suntrust Bank
- US Army
- US Department of Defense
- US Department of Justice
- US Department of Veterans Affairs
- US Fish and Wildlife Service
- US House of Representatives
- US Navy
- Sun Microsystems
- Verizon
- Various city governments, schools, DMV departments, etc.
- Thousands more...

## Technologies supported by CodeCharge Studio

- Web technologies: PHP, ASP.NET/C#, ASP.NET/VB, Perl, ColdFusion, Java Servlets, JSP.
- Databases: MySQL, MS SQL Server, MS Access, PostgreSQL, and all others that support Web connectivity.
- Web Servers: ALL Web servers are supported, including Apache, IIS, etc. on all platforms (Windows, Linux, Mac)
- CodeCharge Studio itself runs on Windows XP, 2000, 2003 and Vista

## CODECHARGE STUDIO FEATURE OVERVIEW

### Integrated Development Environment (IDE)

Integrated editors:

- *Visual page designer*: to design pages graphically.

RS570

- *HTML editor*: to edit your HTML & JavaScript with color syntax coding.
- *Code editor*: with auto-indent and color syntax coding.
- *Page preview*: for local viewing of templates.
- *Live data viewer*: for instantaneous viewing of pages with live data locally or on your server.

#### Project navigation:

- *Project Explorer*: provides a comprehensive view of all project pages, code, included files and media assets.
- *Code Explorer*: lists each object on the page and provides instant access to related code.

#### Precision controls:

Property inspector provides precise control over the properties of every page and page element:

- *Format*: to set format and styles.
- *Data*: to control data sources and security.
- *Events*: to program events and insert custom actions.

#### Drag-and-drop objects:

Drag-and-drop objects allow you to visually create pages in the Designer that include:

- *HTML Elements*: for all HTML tags and objects.
- *Controls*: to add data-aware labels, links and navigation.
- *Components*: to add sophisticated data-driven groups of integrated controls such as grids.

#### Integration with HTML editors:

CodeCharge Studio includes special integration features to work seamlessly with your favorite HTML editors.

- *Microsoft® FrontPage® Add-In*: The first product to extend FrontPage® functionality into a full-featured, integrated development environment, CodeCharge Studio allows developers to generate professional quality code in all popular server-side programming languages and offers a professional code editor to extend and fine-tune generated code.
- *Macromedia® Dreamweaver®, Adobe® GoLive® and other HTML editors*-Use virtually any program as your HTML editor in CodeCharge Studio. Set that program as your primary HTML editor CodeCharge will seamlessly use the program for HTML editing.

#### Language, Server and Database Support

- *Languages*: Supports ASP.NET 1.0, 1.1 and 2.0 (C# and VB.NET), ASP/VBScript, JSP, Java Servlets, ColdFusion 4.0 and MX, PHP 4, PHP 5 and Perl 5.0.
- *Application servers*: Supports industry-standard servers including Apache, Microsoft IIS, Macromedia ColdFusion, IBM WebSphere, BEA WebLogic, and Netscape Enterprise Server.
- *Site publisher*: publishes the project to the sever with a single click.
- *Databases*: Data Source wizard-speeds connectivity to virtually any database including: Microsoft SQL Server, Oracle, DB2, MySQL, and Microsoft Access. Supports access to multiple databases simultaneously. Visual query builder creates SQL queries without coding.

#### Productivity Features

Powerful wizards CodeCharge Studio's sophisticated component and application wizards automate the most common application interactions with a simple point-and-click interface:

- *Application Wizard*: creates a multi-page application supporting user queries and administrator updates based on your database structure.
- *Component Wizards*: generate sophisticated search, grid, login/logout, and record update components and pages automatically.
- *Code generation*: CodeCharge Studio generates your code on the fly using the CodeCharge code generation engine. The code is architected according to industry-wide

best practices, easily extensible, and highly reliable. The engine automatically separates HTML pages from code logic, improving workflow and isolating changes to design, programming and deployment. Sites are faster to develop and easier to maintain because designers and programmers can focus on their respective responsibilities without affecting each other.

- *Security management:* CodeCharge Studio's integrated security management simplifies multi-level security.
- *You define the privileges:* Full, Read, Insert, Update or Delete-for each security group or user, and CodeCharge automatically includes the appropriate authentication code to link username and passwords to security level and privileges.
- *Jumpstart solutions:* CodeCharge Studio includes several pre-built and functional applications so you can see real CodeCharge-generated solutions in action. Copy and paste the code into your application or study how the experts did it.
- *Customizable Styles:* CodeCharge Studio includes many customizable styles using CSS or HTML tags so you can generate professionally designed Websites or support any corporate presentation standard.

For the list of main CodeCharge Studio features please visit  
[http://www.yessoftware.com/products/features.php?product\\_id=1](http://www.yessoftware.com/products/features.php?product_id=1)

### Technologies supported by CodeCharge Studio

- Web technologies: PHP, ASP.NET/C#, ASP.NET/VB, Perl, ColdFusion, Java Servlets, JSP.
- Databases: MySQL, MS SQL Server, MS Access, PostgreSQL, and all others that support Web connectivity.
- Web Servers: ALL Web servers are supported, including Apache, IIS, etc. on all platforms (Windows, Linux, Mac)
- CodeCharge Studio itself runs on Windows XP, 2000, 2003 and Vista

### Free Product Evaluation

#### Download Free 20-day Trial

And if you have questions, go to [YesSoftware Forums](#), the CodeCharge developer community site to get answers and pointers. Or go to <http://support.yessoftware.com/> for the latest bulletins, product updates or to submit email support requests.

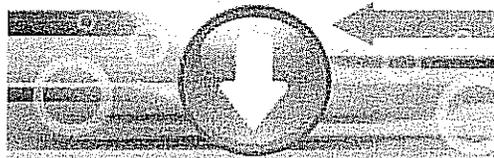
---

[Home](#) | [Products](#) | [Downloads](#) | [Purchase](#) | [Support](#) | [Privacy Policy](#) | [Contact Us](#)

This website was created with [CodeCharge Studio](#).  
Copyright © 2001-2009 [YesSoftware](#) All Rights Reserved.

# IBM ILOG CPLEX Optimization Studio

Comprehensive toolkit for developing optimization-based analytical decision support applications



**Trial: CPLEX Optimization Studio**  
Including CPLEX Optimizer and OPL.  
Try for 90 days.

→ Download and install now



**Optimization Buyers eKit**  
Close to selecting a vendor? These assets  
can help you make the right decision.  
White paper, buyer's checklist and more.

→ Download document bundle

## Overview

### Learn more

- Features & benefits
- Getting Started manual: OPL and IDE
- Getting Started manual: CPLEX Optimizer
- Getting Started manual: CPLEX CP Optimizer

---

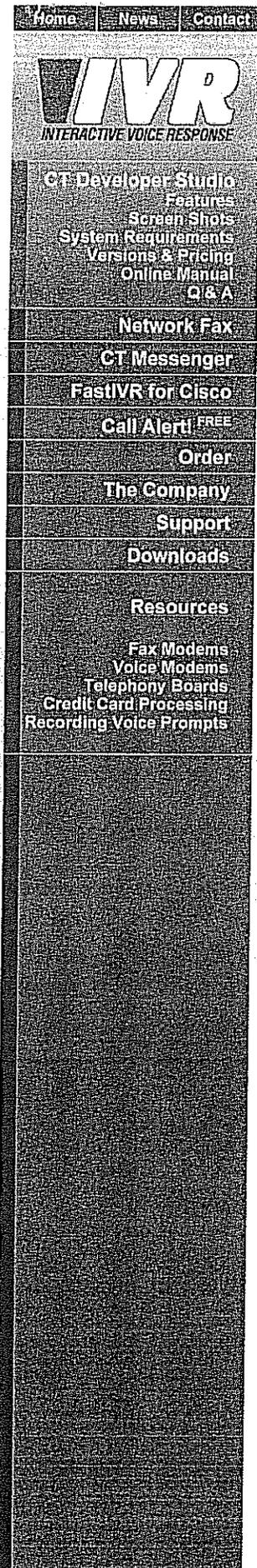
**CPLEX Optimization Studio speeds development and deployment of optimization models, combining leading solver engines with a tightly integrated IDE and modeling language.**

Speed development and deployment of optimization models, using linear/quadratic, mixed integer, and constraint programming and constraint-based scheduling. Ensure reliable development and maintenance using a transparent modeling language and intuitive tools for model testing, profiling, and tuning.

- Solving with mathematical programming: Complete access to a powerful MP solver through the IDE, API, or via third party applications.
- Solving with constraint programming: Access to an outstanding and proven CP solver as well, through the IDE, API, or via third party applications.
- Modeling: Create optimization models and extend optimization algorithms using the OPL modeling language, the ILOG Concert APIs, or numerous other interfaces and connectors.
- Developing: Develop, debug, test, and tune analytical decision support applications.
- Deploying: Deploy analytical decision support applications.

[View features and benefits](#)

RS573



## CT Developer Studio 2

IVR development software

**NEW: [Download Evaluation Version](#)**

**UPDATE: CT Developer Studio 2010 coming soon!**

- [Introduction](#)
- [What is CTI](#)
- [What is CT Developer Studio](#)
- [Designing your IVR system](#)
- [Voice Mail](#)
- [List of features](#)
- [Version comparison and price list](#)

**Free VoiceXML platform**

Fast, free and easy Voxeo VoiceXML platform + ASR & TTS. Download now.

**IVRCC - IVR**

Interactive Voice Response Real-time data www.ivrcc.com



Ads by Google

### Develop an IVR, Voice Mail or Call Center Application in Minutes

CT Developer Studio 2 is a Windows software that helps you quickly implement a professional voice response system into your business. Developing IVR solutions is easy with Visual IVR Script Designer and the many ready-to-use samples supplied with the product.

Several demonstration templates and ready-to-use IVR systems, including a voice mail server, inbound call center, automatic dial-out notification system, order processing system, and many more, are supplied with CT Developer Studio. If you need your IVR system right away, you can modify the details of one of the templates to tail it to your requirements. You can quickly design your own IVR system by using the Visual IVR Script Designer. All call details and caller responses are logged in the CSV and XML formats, making it easy to import to MS Office applications.

CT Developer Studio 2 requires a **PC** with a compatible telephony board. Click for complete list of system requirements. Currently, the following boards are supported:

- Ai-Logix** - SmartWorks 3.5.2
- NMS** - 2005-1
- Intel/Dialogic** - Dialogic SR 5.1.1 (with Service Pack 1)

### Download Evaluation Version

### Computer Telephone Integration at a Glance

CTI (Computer-Telephone Integration) enables the connection of telephone systems with computers by enabling telephones and personal computers to work in sync. Low cost 2-line and 4-line voice boards and easy to use visual IVR script designers make it possible for even smaller businesses to deploy customized voice answering systems tailored to their exact needs. This technology can be used create various applications, such as:

RS574

## IVR

Automate IVR phone calls with XML. Inbound & outbound. Try it now free



## Avaya - Official Site

Explore Avaya services and communications software solutions.

9-2

Ads by Google

CT Developer Studio effectively enables you to easily develop and implement any of these systems on a Windows PC.

### Your IVR System Grows as Your Business Expands

Designing an IVR system has never been easier. Design your IVR system with the TeleFlow Visual IVR Script Designer by simply dragging and dropping the components required to design a perfect response system just for your needs.

### What is CT Developer Studio 2?

CT Developer Studio 2 is an IVR development software that will help you develop, implement and host your IVR system. It is based on TeleFlow IVR engine by enGenic, and supports up to several hundred telephone lines simultaneously. CT Developer Studio consists of several parts.

#### ■ TFMonitor

Runs on a PC, executing IVR scripts that are using the telephone lines to handle incoming and make outgoing calls.

#### ■ TeleFlow Visual IVR Script Designer

Allows fast and easy design of the IVR system. Simple IVR blocks are dropped from the Toolbox on the Workspace, their Properties are edited in a Visual Studio.NET fashion, and then Event Handlers are specified, linking the modules to one another depending on the tone keys the caller pressed.

#### ■ TeleFlow Simulator

Allows testing your IVR scripts on a PC without actual telephony hardware connected to it. Develop, debug, test and evaluate your voice response scripts without investing in expensive hardware!

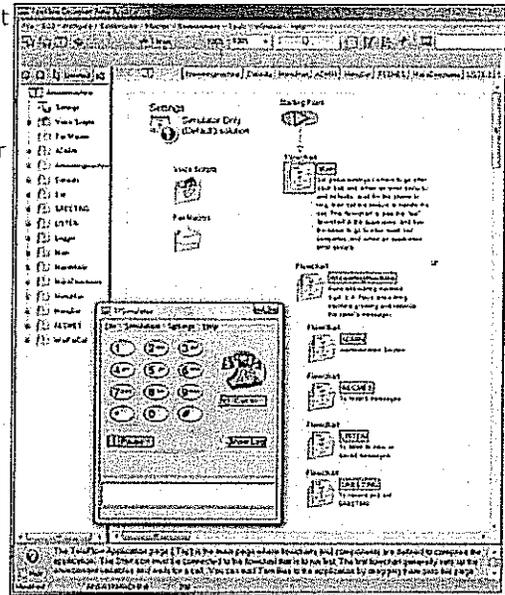
#### Download Evaluation Version

### TeleFlow Visual IVR Script Designer

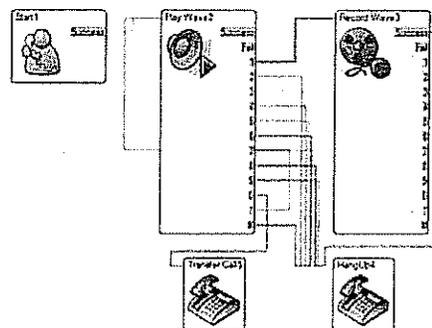
Allows fast and easy design of an IVR system. Visual IVR Script Designer is easy to learn, and allows a complete GUI for the whole IVR development process.

A list of simple IVR blocks is available on the toolbox. These blocks can be dragged and dropped on the workspace. Each block has Properties and Event Handlers (similar to MS Visual Studio.NET).

Edit Event Handlers to link the modules to one another depending on the tone keys the caller pressed.



CT Developer Studio 2 allows for unlimited number of voice mailboxes (click to enlarge)



TeleFlow Visual IVR Script Designer

Visual IVR Script Designer is build in a modular fashion. It contains the following modules that are used as simple 'bricks' to build your IVR system: *provides a convenient tool for designing and debugging an IVR system (click to enlarge)*

Get Numbers	Say Number
Play File	Record File
Send Email	Query Database
Voice Mail	Dial Number
Run VB Script	Run JavaScript
Read Text	Transfer Call
Evaluate Expression	Run Program
Send Phone Message	Generate DTMF tones

#### ACD Call Center Software

Get free guidance - advice - & price quotes from multiple vendors.  
CallCenterSoftwareWorld.com



Ads by Google

Multiple events are available for each block so that you can create different connections between the modules depending on the user's input.

It is easy to add a custom IVR block to the script designer; a complete developer's API is available with the product. The API is simple and well documented, with a sample extension module available in source.

#### Voice Mail

The voice mail functionality is available with a pre-made "Answering Machine" script. To create a completely functional voice mail system open the "Answering Machine" sample project and set up your mailboxes and messages.

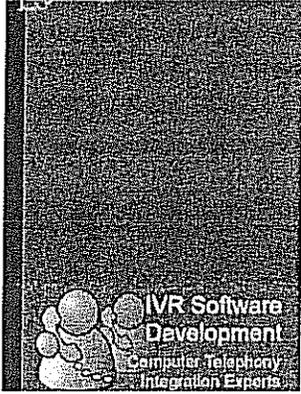
The Voice Mail supports:

- Easy creation and deletion of voicemail boxes
- Selecting or recording unique greeting messages
- Voice mail message management
- Call transfer and email forwarding for each mailbox
- Remote access to voice mail messages

The number of mailboxes is not limited in CT Developer Studio.

#### Feature List

- Unlimited voice mail boxes featuring call transfer, remote access, email notification and forwarding
- Supports unlimited number of telephone lines
- Dynamically configures or changes IVR scripts for each telephone line
- Complete online or telephone remote control
- DTMF tone generation and recognition gives ability to enter numbers
- Full Caller ID compliance
- Telephone line emulator included for off-line testing of your IVR scripts
- Call transfer to other phone numbers or extensions (requires a PBX or activation of your phone company feature)
- 3-way calling, optionally playing back or saying any information, allowing the recipient to accept or decline the call (subject to your phone company features)
- Email forwarding of highly compressed voice messages
- Dialer module can dial phone numbers and run an IVR script once the call is answered
- Music-on-hold
- Text-to-speech and Speech Recognition (in certain editions)
- Database access integrated with text-to-speech
- Can execute other programs, transferring data to and from an external application
- Full logging of all call details and all selections made during the call
- Pre-recorded voice prompts in multiple languages
- IVR script templates for many of the typical IVR tasks



## Download Evaluation Version

9-4

Questions about CT Developer Studio? Visit the CT Developer / TeleFlow Forums at [teleflow.org/phpbb](http://teleflow.org/phpbb)

[Click for a complete price list and version comparison chart.](#)

More IVR Software: [0..9](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

---

Copyright © 2002-2010 IVR Software Development

- [Home](#)
- [Features](#)
- [Order](#)
- [Support](#)
- [Blog](#)

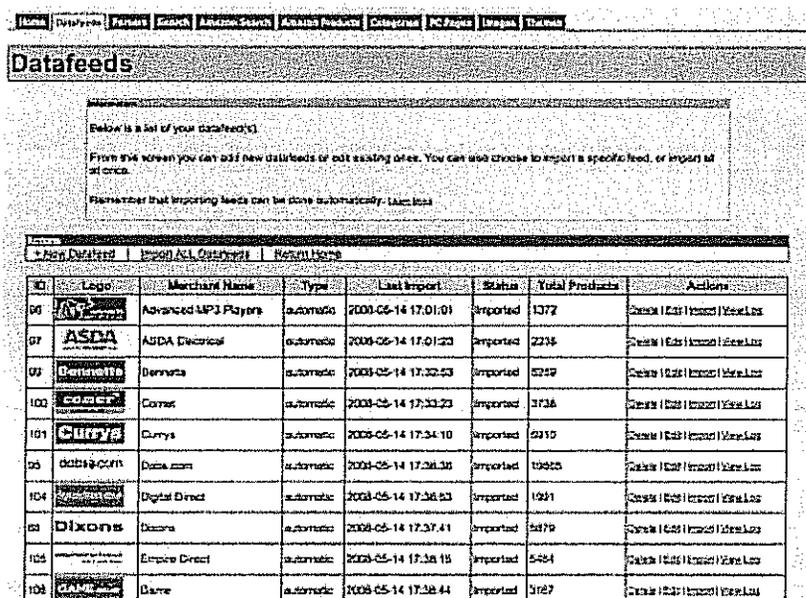
# Datafeed Studio

Datafeed Studio is a self-hosted web application for internet marketing professionals that need to create multiple types of product driven affiliate web pages with ease.

## Master your Products

With Datafeed Studio you can merge all your affiliate datafeeds (even from different networks) into one single product database that you control.

From this database you can easily create standalone affiliate web stores or embed price comparison widgets within your existing web sites.



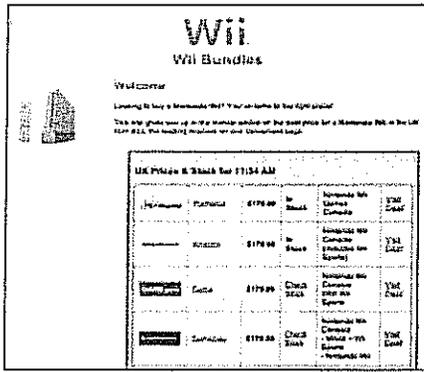
Above: The Datafeed Studio admin interface

## Easy as 1-2-3

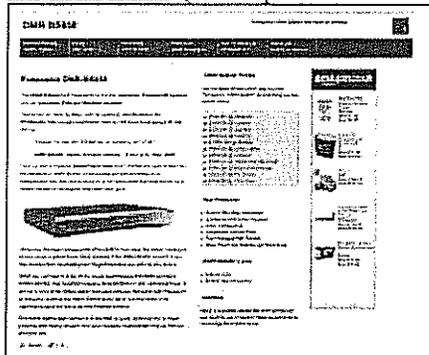
1. Install Datafeed Studio on your Web Server.
2. Add datafeeds from your favourite merchants.
3. Configure the site(s) you want - such as a niche online store, a price compare site, etc. (or use Datafeed Studio as your very own content unit engine for serving up price widgets to existing websites!).

## Features





- DMR BS850 (Wordpress site using Datafeed Studio plugin 'category' style Price Box)



Whether you want an **affiliate store**, a **price compare engine**, or just standalone price comparison **landing pages** for PPC campaigns, **Datafeed Studio** is the perfect solution to all your affiliate needs.

### Order Now

Upgrade your Free Edition with more sites, more feeds!



### Online Demo

Want to try the Datafeed Studio **online demo**?



### Free Download

Download a **Full Version** of Datafeed Studio today! It's free!



## Supported Networks

Built-in support for the following networks :

affiliatefuture

affiliatewindow

amazon

BUYAT  
PLATFORM

commission  
junction

Google  
Affiliate Network

LinkShare  
+ QUALITY COMPANY

PAID  
ON  
DELIVERY

SHARE A SALE  
THE PERFORMANCE MARKETING

//silvertap

TradeDoublerr  
Market Research

webgains

*Your favourite not listed?*

**Don't Panic!** - you can easily add custom datafeed formats yourself!

## System Requirements

- Linux/UNIX based Web Server
- Apache web server (with mod\_rewrite enabled)
- MySQL 4.1 or above
- PHP 5.0 or above (with curl and mysqli extensions enabled)

Really happy with Datafeed Studio - it is a great product and well worth the money.  
- *Steve Sims*

Datafeed Studio ©2008-10 [MartinWood.org](http://MartinWood.org)

In this section

- Overview
- What's New In 4.50
- Features
- Editions
- Demos & Tutorials
- History
- System Requirements
- Download
- Ordering
- Support
- Blog
- Testimonials



**Vote for dbForge Studio!**  
 Category 14 - IDE (page 2)  
 Voting ends on September 21, 2010.

Testimonials

"Fantastic news! Just tried it and of course works like a champ. This is something we've been close too, but now we're 100% like SQL Server Studio. I am pleased :)"

"Excellent update, keep up the great work!"

Webmaster of [aledxchange.com](http://aledxchange.com)  
 Read more [Your testimonial](#)

Related products

You might be also interested in:

- Database tools
- dbForge for MySQL

Home / Products / Database Tools / MySQL / Studio / Overview



## dbForge Studio for MySQL

MySQL power in your hands

**Develop and manage your databases visually**

**Get centralized server administration and maintenance**

**Analyse and convert any data with ease**

from **\$49.95**

**Risk-free Purchase**  
30-day money-back guarantee

**Download Trial**  
Professional features for free

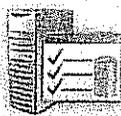
MySQL GUI Manager

### What is dbForge Studio for MySQL?

dbForge Studio is a powerful and comprehensive MySQL manager and admin IDE. It offers you a complete set of MySQL administration tools, database development, and SQL query tools. Combination of the very best features of existing MySQL front ends and MySQL GUI tools makes dbForge Studio the perfect choice for database developer and administrator.

Now you can manage MySQL databases in a relaxed way. dbForge Studio can save you hours and hours of boring manual work. Have you ever been stuck somewhere in MySQL management? Are you a MySQL administrator that wants to boost productivity? MySQL GUI tools provided by dbForge Studio are here to solve your problems.

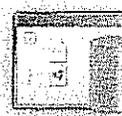
To learn more about dbForge Studio components, click the icons below.



Administration and maintenance



Query Builder



Database projects



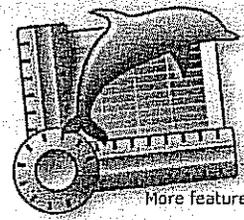
Database synchronization



Query Profiler



Reporting and analysis



More features...



Intelligent SQL coding



Export/Import



Database Designer



Code Debugger



dbForge for SQL Server  
Database tools for Oracle  
• MySQL data access with  
the following technologies:  
ADO.NET provider,  
VCL components,  
dbExpress driver

Copyright © 1998 - 2010 Devart



[Products](#) | [Forums](#) | [Support](#) | [Company](#) | [Site Map](#)

# Developer Studio

Develop diverse data visualization solutions for the .NET, COM and Java™ platforms for only \$499



## Quicklinks

Overview

Comparison Table

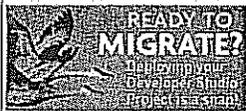
Licensing

Pricing

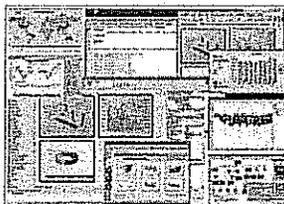
Upgrade/Buy Now

Chart Gallery

## Highlights



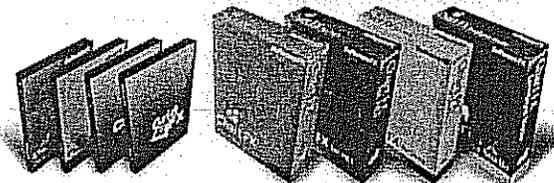
## Developer Studio Overview



Developer Studio is a collection of development-only, non-expiring data visualization solutions for the .NET, COM and Java platforms. This package includes all of the current Chart FX and Grid FX product line and allows for a convenient and flexible way to develop applications for different environments.

You won't need to rewrite any code you've developed using Developer Studio once you're ready to deploy. Simply migrate to the full license and reuse your existing code.

## Developer Studio Contents



### .NET Products

- Grid FX
- Chart FX 7
- Chart FX for .NET 6.2
- Pocket Chart FX for .NET
- Chart FX Gauges
- Chart FX Extensions Pack
  - Chart FX OLAP
  - Chart FX Financial
  - Chart FX Maps
  - Chart FX Statistical

### COM Products

- Chart FX for COM
- Chart FX Internet
- Chart FX Client Server

### Java Products

- Chart FX for Java 6.5
- Chart FX Maps
- Chart FX Statistical
- Chart FX Gauges

## Frequently Asked Questions

### Question:

How is Developer Studio different than the fully-licensed versions of any of the Chart FX and Grid FX Products?

### Answer:

Any product included in Developer Studio is a development-only product. In order to deploy your project, you must migrate to the full version of the particular product. Please view the [Developer Studio Comparison Chart](#) to see how Developer Studio fits into the Software FX product line.

### Question:

Can I buy a license of Developer Studio (\$499) instead of buying a more expensive Development Seat (\$899) for Chart FX 7?

### Answer:

You can, but you will be limited to viewing your page on the development machine only, rather than over an internal network as the Development Seat allows you to do. If you have further questions, please review [this document](#).

### Question:

What happens when I'm ready to deploy the application I've developed in Developer Studio?

### Answer:

It is necessary to purchase the full license of the product you're using before you deploy your application. When you are ready, you can migrate from Developer Studio to a full version of the product(s) you've used using a [migration path](#).

**Question:**

Am I forced to install the entire product line, even if I only need certain products?

**Answer:**

No. Developer Studio allows the developer to install only the components that fit the specific development requirements. So you can install as few or as many components as required by the project.

SOFTWARE FX  
PARTNERSHIP

Optimized for  
**Visual Studio**

MICROSOFT  
VSIP PREMIER  
MEMBER

IBM  
PARTNER  
ADVANTAGE

IBM  
BUSINESS  
PARTNER

IBM  
BUSINESS  
PARTNER

IBM  
BUSINESS  
PARTNER

CODE  
GEAR

TECHNOLOGY  
PARTNER

**NetBeans**  
Strategic Partner

**CITRIX**  
10427

© 2010 Software FX, Inc. All Rights Reserved.

Chart FX, Grid FX and PowerGadgets are registered trademarks of Software FX, Inc.

DataParts is a trademark of Software FX, Inc.

Citrix® and Citrix XenApp™ are trademarks and registered trademarks of Citrix Systems, Inc.

All other names are trademarks or registered trademarks of their respective owners.

Java and all Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

- Home
- Products
- Downloads
- Resources
- Order
- Support
- Corporate

Visual Studio

WPF/Silverlight

SharePoint

PowerShell

Citrix XenApp

SQL Server

Java

COM

Multi-Platform Development

- Privacy Statement

• Terms of Use

• Site Map

• Contact Us

• Site Feedback

Products &lt; Diagram Studio

## Easy, rapid CAD program!

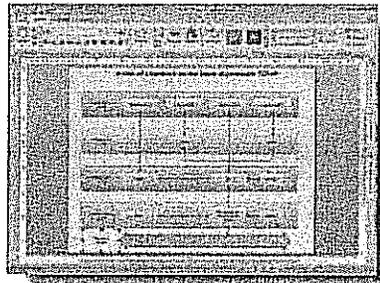


- What is DiagramStudio? ▣
- Who needs DiagramStudio? ▣
- Why DiagramStudio? ▣
- System Requirement. ▣

### What is DiagramStudio?

Diagram Studio is a powerful application for creating professional-looking business, technical drawings and illustrations for your documents quickly and easily. Diagram Studio is the ideal program for creating a wide variety of flow charts, organization charts, presentation drawings, and diagrams. Specifically, Diagram Studio can produce:

- ▣ Business diagrams, presentations and illustrations
- ▣ Organization and workflow charts
- ▣ Software and process flowcharts
- ▣ Database structures
- ▣ Engineering schematics and technical drawings
- ▣ Web-site structures and network diagrams
- ▣ CAD drawings
- ▣ Research layouts and maps
- ▣ Floor plans, street and directional maps, traffic routings.



### Who needs DiagramStudio?

DiagramStudio's ease of use makes it particularly suitable for users who need to create professional-quality drawings quickly and easily. This program was specially designed for a wide range of users of various skill level and job responsibilities, including:

- ▣ Manager and businessmen
- ▣ Database and Web designers
- ▣ Programmers and software engineers
- ▣ IT specialists and graphics designers
- ▣ Student and educators
- ▣ Scientists and engineers

and all those who need to create professional-quality drawings.

### Why DiagramStudio?

Diagram Studio offers you a wide choice of different tools which allow you to quickly and easily create flowcharts, business and technical diagrams, schemes, plans, family tree, etc. The focus of these tools is on ease-of-use, speedy results, automation, and quality output.

It's easy to draw and edit charts with Diagram Studio. You don't

### What's New



(July, 07) Diagram Studio 5.6 is ready for Windows 7 and available for download!

#### Related Info

- [Feature List](#)
- [Quick Tutorial](#)
- [License Agreement](#)
- [Gadwin GeForms™](#)

#### Latest Releases

- [Diagram Studio 5.6](#)
- [Gadwin GeForms 1.8](#)
- [Gadwin Web Snapshot 2.5](#)
- [Gadwin PrintScreen Pro 4.5](#)
- [Gadwin PrintScreen 4.4](#)

#### Buy Now

- [License Pricing](#)
- [Ordering](#)

#### Newsletters

Type your e-mail

- [Subscribe](#)  
 [Unsubscribe](#)

OK

need to have any artistic talent or drawing skills to use this program. The simple objects can be easily created by using primitive graphic components, and for more complicated ones you can use our Libraries, supplied with the program, where most of the objects you might need are already gathered for you. Simply drag them from there and drop into your diagram. Diagram Studio includes many ready-made symbols that are carefully organized into Libraries designed for specific tasks. For each symbol, you can assign different line colors, pattern, fill and shadow colors. You can enter explanatory text label at any location. Text is entered and formatted just like your word processor does it. Diagram Studio's intelligent links automatically change their path when you reposition objects, avoiding crossing other objects. Powerful grid and alignment aids keep your diagram attractive. Diagram Studio handles the hard parts of drawing a diagram and leaves you time to focus on the layout and appearance.

If you're new to DiagramStudio, you may need help getting started creating your diagrams. The lessons in Quick Tutorial teach you the basic skills you need to create any simple DiagramStudio diagram. [Click here](#) to to begin the tutorial.

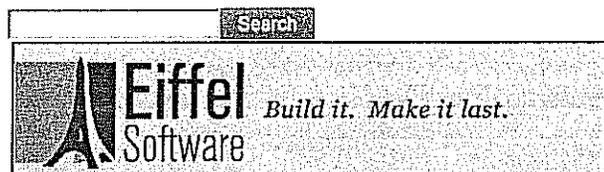
#### **System Requirement.**

Diagram Studio requires Microsoft ® Windows 98/NT/2000/Me/XP/2003/2008/Vista. If you are running any of these operating systems and have a Windows-compatible mouse or pointing device, your system has already met all the requirements necessary to run Diagram Studio. A full installation of Diagram Studio requires only 16 megabytes of hard drive space. Diagram Studio has complete printer and plotter support.

 [Back to top](#)

[Home](#) | [Products](#) | [Downloads](#) | [Order](#) | [Support](#) | [Site Map](#)

[Contact Us](#) | [Privacy Policy](#)  
© Copyright © 1999-2010 Gadwin Systems, Inc. ←



SOLUTIONS

[Overview](#) [For Developers](#) [For Executives](#) [For Educators](#) [For Government](#)

PRODUCTS

[All Products](#) [EiffelStudio](#) [EiffelEnvision](#) [Eiffel for ASP.NET](#)

SERVICES

[All Services](#) [Training](#) [Consulting](#) [Support](#) [Programmer Registry](#)

DEVELOPER RESOURCES

[Summary](#) [Presentations](#)

[Documentation](#) [Libraries](#)

[Learning Maps](#) [FAQs](#)

[User Group](#)

PARTNERS CUSTOMERS

[Examples](#) [Testimonials](#) [Success Stories](#)

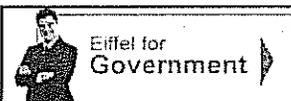
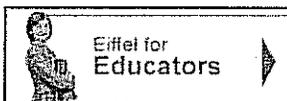
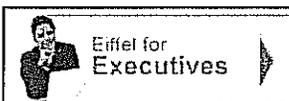
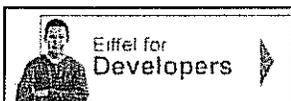
COMMUNITY

[Blogs & More](#) [Developer Center](#)

COMPANY

[About](#) [News / Press](#) [Careers](#) [Awards](#) [Contact Us](#)

- [Overview](#)
- [Features](#)
- [Screenshots](#)
- [System Requirements](#)
- [Download](#)
- [Purchase](#)



# EiffelStudio

## A Complete Integrated Development Environment

[Download now!](#)

### Overview

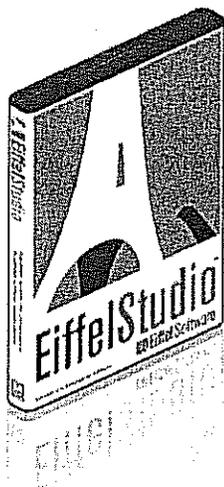
While Eiffel is widely regarded as the best language for creating fast, robust, scalable applications, EiffelStudio™ is the only tool for realizing the full power of the Eiffel Development Framework™.

EiffelStudio is more than just an IDE.

Imagine being able to model your system as you think - capturing your requirements and your thought processes with EiffelStudio. When you are ready to design, you build upon the model you just created, still with EiffelStudio. And then you implement with EiffelStudio. You never need to throw anything out and start over. You don't need extra tools to be able to go back and make changes in architecture safely. Roundtrip engineering? It's built in by design. Testing, metrics and productivity tools? They're built in. As a result EiffelStudio accommodates efficiently new thoughts on supporting business change fast and flexibly.

And debugging? Eiffel's native Design by Contract™ prevents 90% of the bugs from ever occurring in the first place - and what bugs remain are easily traced and repaired.

If you have multiple platforms to consolidate, reconcile or communicate with, no problem. EiffelStudio runs on Windows,



Unix, Linux, embedded, and even VMS systems. You can create an application in Eiffel (even importing your existing applications as a starting point), and then migrate it to any other platform Eiffel compiles to.

EiffelStudio is available under a [Dual Licensing model](#). Users can choose either commercial or Open Source licensing.

### EiffelStudio for Windows

EiffelStudio is the most powerful development environment for creating mission critical applications for the Windows operating system. In addition, if you are considering a move to .NET from some other platform, chances are that EiffelStudio will allow you to do it 10 times more easily and safely. You'll be able to reuse much of your existing applications and you'll be able to 100% verify the function of your new applications both on your present platform and your new platform in parallel, before flipping the switch.

### EiffelStudio for Linux/Unix

EiffelStudio on these platforms offers all the powerful features of Eiffel Development Framework including Design by Contract™, multiple inheritance and Genericity. With EiffelStudio for Linux/Unix, developers have the freedom to create the most robust, scaleable applications and can easily port these applications to the platforms of their choice thus enabling them to consistently deliver measurable business results.

### Eiffel for VMS

Given the general level of reliability and excellence of OpenVMS, Eiffel Software has considered that this platform and Eiffel would be a "perfect match." Eiffel Software has offered early on a version of EiffelStudio for VMS and is committed to continue support it for the benefit of its customers working on mainframe computers.

### EiffelStudio for Macintosh

Since the release of EiffelStudio 5.4 onwards we are also providing a version for the Macintosh Platform. The Mac OS X version has all the power and robustness that you have come to expect from EiffelStudio and now Macintosh developers have the ability to use Design by Contract™ and multiple inheritance.

### EiffelStudio for Embedded Systems

Because of EiffelStudio's simplicity, it is ideal for the embedded developer. Industrial machines, automobiles, medical equipment, cameras, household appliances, airplanes, vending machines, as well as the more obvious cellular phone and PDA, are among the myriad of possible hosts for an Eiffel embedded system.

### EiffelStudio for Cloud Computing

EiffelStudio is a solution of choice for Cloud Computing applications. Deploy your application on a server and enable clients to access it remotely, gaining all the advantages of Eiffel's scalability and its unique Design by Contract mechanisms. Deploy services in data centers and offer them "on the cloud" to users worldwide; deploy new services incrementally through planned evolution.

The IT industry is moving en masse to Cloud Computing for cost-effectiveness, flexibility, and environmental friendliness. EiffelStudio helps you be on the forefront of this exciting new development.

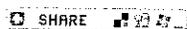
**Whatever platform you choose to operate on, EiffelStudio empowers developers to enjoy the following advantages.**

- The simplest, most powerful language available
- Ensures robust, efficient software with Design by Contract™
- The only language to enable developers to use a clean Genericity and Multiple Inheritance model
- Reduces debug time by 90-95% with Design by Contract™ and a powerful debugger
- Compiles to multiple platforms, including: Windows (Classic and .NET), Unix, Linux, VMS, embedded systems and Mac OS X
- Works great as a tool to:
  - Create serious, high-quality software
  - Migrate legacy applications to .NET
  - Create high quality components and libraries, or increase the quality of existing ones, using Design by Contract™

Pricing for the Windows, Linux, and Mac versions of EiffelStudio is US\$ 5,999.00 per license.

Pricing for the Unix and VMS versions of EiffelStudio is US\$ 8,999.00 per license.

One year of Maintenance and Priority Support is included with each purchase. Additional support programs are available here.



- [Home](#)
- [Download](#)
- [Developers](#)
- [Academia](#)
  - - [Academia Home](#)
    - [The GAP Package](#)
    - [Member Universities](#)
    - [GAP Member Projects](#)
    - [Academic Partners](#)
- [Ada Answers](#)
  - - [Ada Overview](#)
    - [Ada Comparison Chart](#)
    - [Ada 2005](#)
    - [Ada 2012](#)
    - [Ada Answers Videos](#)
    - [Benefits and Features](#)
    - [Ada Gem of the Week](#)
    - [The Ada Lecture Series](#)
    - [Look Who is Using Ada](#)
    - [Resources and Links](#)
- [Tools](#)
  - - [Tools Overview](#)
    - [GNAT GPL Edition](#)
    - [SPARK GPL Edition](#)
    - [GNAT Programming Studio \(GPS\)](#)
    - [GNATbench \(Eclipse Plug-in\)](#)
    - [GNAT Component Collection \(GNATcoll\)](#)
    - [Ada Web Server \(AWS\)](#)
    - [GNAT Ada-Java Interfacing Suite \(AJIS\)](#)
    - [GNAT GPL for LEGO MINDSTORMS](#)
    - [GtkAda](#)
    - [PolyORB](#)
    - [XML/Ada](#)
    - [AUnit](#)
    - [Project Couverture](#)
    - [ERB](#)
    - [Ocarina AADL tool suite](#)
    - [More Resources...](#)
- [News](#)

- Libre News
- AdaCore Press Center
- Software Community Involvement

- [Contact](#)

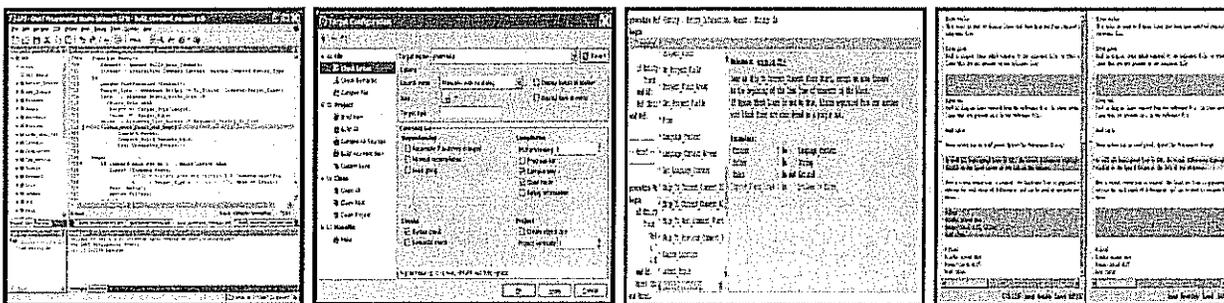
## AdaCore

# The GNAT Programming Studio

## What is GPS?

GPS, the GNAT Programming Studio, is a cutting-edge Free Software IDE that streamlines the interaction between developers and their software. With its intuitive interface, GPS is easy to use, simplifying source navigation and highlighting the fundamental ideas in the program.

By displaying core application structures, such as call graphs, program entity graphs, and project dependencies, GPS facilitates the development of systems. GPS helps construct reliable code while providing the same interface and behavior across a variety of platforms. Designed by programmers for programmers, GPS is a new kind of IDE that offers the experience of designing software in a uniquely comfortable environment.



## Latest Libre site release

The latest GPS version (4.3.1) can be downloaded as part of the [GNAT GPL Edition](#).

## Features and Tools

### Features

- Developer-friendly
- Multi-language
- Multi-platform
- Same modern GUI available on all platforms
- Flexible MDI (multiple document interface)
- Customizable
- Extensible: can integrate preferred tools
- Free Software

### Tools

- Language-sensitive editor
- Automatic generation of body files
- Source code reformatting
- Intelligent source code navigation
- Context-sensitive search and replace
- Application builder
- Automatic code fixing
- Version control (CVS, ClearCase, etc.)
- Visual file comparison
- Graphical source-level debugger
- Project and program entities explorer
- Project wizard
- Types and program entities graphs
- Call graphs
- File dependency graphs
- Project dependency graphs

## Online Documentation

GPS comes with a tutorial that gives an overview of the functionalities by going through a complete session, and a User's Guide documenting each tool and modules.

- [GPS Tutorial](#)
- [GPS User's Guide](#)

## Mailing lists

GPS has two mailing lists.

- To subscribe or get information about the [GPS developers list](#).
- To subscribe or get information about the [GPS users list](#).

## Access to the latest snapshot using SVN

The GPS repository is accessible read-only by anonymous SVN. Note that you should only use the GPS svn tree if you know what you are doing and if using a development version (with possible unstabilities) does not frighten you. To check it out:

```
svn co --ignore-externals http://svn.eu.adacore.com/anonsvn/Dev/trunk/gps
cd gps
svn co http://svn.eu.adacore.com/anonsvn/Dev/trunk/templates_parser
```

You can also [browse the repository directly](#).

[Snapshot binaries](#) are also available.

If you would like to contribute, send your patches (contextual or unified diffs) and we will work with you on integrating them. If you have already contributed and would like write access to the tree, please contact us.

## Related pages

The following are some useful related web sites:

15:05:27 PM Thursday, September 16, 2010 <http://libre.adacore.com/libre/tools/gps/>

- [GtkAda Home Page](#). The GtkAda Toolkit.

## Authors

Please report suggestions, bugs to [gps-devel](mailto:gps-devel@lists.adacore.com) (at lists.adacore.com).

This software has been written and is maintained by AdaCore.

If you are interested in getting commercial support for this software, please contact [sales@adacore.com](mailto:sales@adacore.com).

## Tools

- [GNAT GPL Edition](#)
- [SPARK GPL Edition](#)
- [GNAT Programming Studio \(GPS\)](#)
- [GNATbench \(Eclipse Plug-in\)](#)
- [GNAT Components Collection](#)
- [Ada Web Server](#)
- [GNAT Ada-Java Interfacing Suite](#)
- [GNAT GPL for LEGO MINDSTORMS](#)
- [GtkAda](#)
- [PolyORB](#)
- [XML/Ada](#)
- [AUnit](#)
- [Project Couverture](#)
- [ERB](#)
- [Ocarina AADL tool suite](#)
- [More Resources](#)

---

[Home Tools GNAT Programming Studio](#)

AdaCore - The GNAT Pro Company

[Home](#) | [Download](#) | [Developers](#) | [Academia](#) | [Ada Answers](#) | [Tools](#) | [News](#) | [Contact](#)

[Privacy Policy](#)

---

Home Products

## Autodesk Green Building Studio

### Web-Based Energy Analysis Software

Autodesk® Green Building Studio® web-based energy analysis software can help architects and designers perform whole building analysis, optimize energy efficiency, and work toward carbon neutrality earlier in the design process. With faster, more accurate energy analysis of building design proposals, architects and designers can work with sustainability in mind earlier in the process, plan proactively, and build better.

- **Whole building energy analysis software**—Determine virtual building's total energy use and carbon footprint
- **Design alternatives analysis**—Consider alternatives to improve energy efficiency
- **Detailed weather analysis**—Extensive weather data available for project site
- **Carbon emission reporting**—Emissions reporting for nearly all aspects of the building
- **Daylighting**—Qualification for LEED® daylighting credit
- **Water usage and costs**—Estimated water use, in and outside building
- **ENERGY STAR® scoring**—Scores provided for each design
- **Natural ventilation potential**—Summarizes mechanical cooling required and estimates hours design could use outdoor air to cool the building naturally



[FAQ \(pdf - 48Kb\)](#)



[Getting Started with Green Building Studio Web Service \(pdf - 654Kb\)](#)

© Copyright 2010 Autodesk, Inc. All rights reserved. [Privacy Policy](#) — [Legal Notices & Trademarks](#) — [Report Noncompliance](#) — [Site Map](#)

RS595

- [\[ \]](#)
- [Register](#)
- [Login](#)
- [Home](#)
- [People](#)
- [Projects](#)
- [Forums](#)
- [Tools](#)

## GTK Studio

### General

- [Summary](#)
- [Journal Entries](#)
- [Reviews](#)
- [Links](#)
- [News](#)
- [Managers](#)
- [Widgets](#)

### Development

- [Code Analysis](#)
- [Contributors](#)
- [Commits](#)
- [Enlistments](#)

### Edit

- [Permissions](#)
- [History](#)

---

GTK Studio is a RAD tool intended to help developers produce GTK+ applications in a faster and more productive way. It supports GTK+ wrappers such as Gtkmm and PyGTK.

Follow 0 followers

### Journal Entries

#### [Timeline View](#)

No entries yet. [Link your entries with 'gtkstudio'](#) to include this project.

---

### Ohloh Analysis Summary

Ohloh requires source code to create a report.

17-2

[Where's the source code?](#)

---

## Ratings & Reviews

Community Rating

0.0/5.0

0/5

1

2

3

4

5

Based on 0 user ratings.

Your Rating

0/5

1

2

3

4

5

Click to rate this project.

[Be the first to review this project!](#)

## [Links](#)

0 links submitted so far. [Submit your own links.](#)

## News

Add an RSS feed.

[Where's the download?](#)

[Homepage](#)

<http://sourceforge.net/projects/gtkstudio>

Licensed under

Unknown

Tagged as

 [Add tags to this project](#)

---



### Who manages GTK Studio?

I'm a manager

### Where in the world?

- [Users](#)
- [Contributors](#)
- [View Larger Map](#)

No users located.

### Widgets

[Learn how to embed this and other widgets on your site.](#)



### Ohloh

- [About](#)
- [FAQ](#)
- [Blog](#)
- [News](#)
- [Forums](#)
- [API](#)
- [Terms](#)
- [Privacy](#)

### New Projects

- [Robotium](#)
- [Zanox ads for Wordpress](#)
- [NetBeans XML Tools](#)
- [sxml-js](#)
- [nm-auto-login](#)
- [yii-user](#)
- [rock-oc-compiler](#)
- [WikiPDFizer](#)

### Recent Posts

- [Bazaar hasn't been updated in 2 months by knittl](#)  
<http://bazaar.launchpad.net/~bzt-pqm/bzt/bzt.dev> Bazaar (Failed 2 months ago.) the url seems to ...

- [Terracotta project is out of date: failed 6 months back by Manoj](#)  
Hi, Finding terracotta project out of sync for 6 months. Can you please resync it. [https://www....](https://www...)
- [Gwibber enlistments: 6 month old by Patrick Lenz](#)  
Hi, your repositories should be up-to-date again. Sorry for the inconvenience. Please let us kno...

### Recent Reviews

- [grrlib by wplaat](#)  
☆☆☆☆  
The GRRLIB is a very user friendly graphic engine for the Wii homebrew scene. I am using the libr...
- [WiiXplorer by wplaat](#)  
☆☆☆☆  
Many thanks for this great tool. I am using it regular to handle my files on my Wii. Keep on the ...
- [XEmacs Window Manager by Ivan Zakharyashev](#)  
☆☆☆☆  
The author has announced a now disfunctional site with the repository with the latest source in 2...

Copyright © 2010 Geeknet, Inc., All Rights Reserved.



# IBM Data Studio

Simplify database development and administration for IBM Data Servers

## Overview

### Learn more

- Features & benefits
- System requirements
- Free download

### Use and maintain

- Product documentation
- Developer resources
- Forum

---

## IBM® Data Studio provides foundational database development and administration support for the DB2 and Informix family of products

Data Studio provides developers and DBAs with basic capabilities for database management and development at no charge for DB2 and Informix.

- Create, alter, and drop objects, manage privileges, view data distributions, and update statistics on those objects.
- Invoke enhanced administration support for DB2 on Linux, UNIX, and Windows including commands, utilities, and configuration support for pureScale databases.
- Simplify query building and editing, including support for XQuery.
- Speed data development with wizards and editors to create, test, debug, and deploy routines, such as stored procedures and user-defined functions.
- Create Web services that easily expose database operations (SQL SELECT and DML statements, XQuery expressions, or calls to stored procedures) to client applications.
- Install either a small, self-contained administration tool or a fully extensible platform for database development, administration, and tuning. For more information about these two downloadable packages, see Features and Benefits.

[View features and benefits](#)

---

---

## Product framework

### Parent product

Integrated Data Management

RS600

## **Additional products, services and solutions**

18-2

### **Products**

Optim Development Studio

[View all additional offerings](#)

RS601



INTEL® SOFTWARE DEVELOPMENT PRODUCTS

Home

Products

News & Events

Resources

Support

Store



## The ultimate all-in-one performance toolkit

### Intel® Parallel Studio 2011

Intel® Parallel Studio 2011 provides Microsoft® Visual Studio® C/C++ developers a comprehensive tool suite that includes an innovative threading assistant, optimizing compiler and libraries, memory threading error checker, and threading performance profiler. **Now supports Microsoft Windows® 7 and Visual Studio® 2010**

Buy

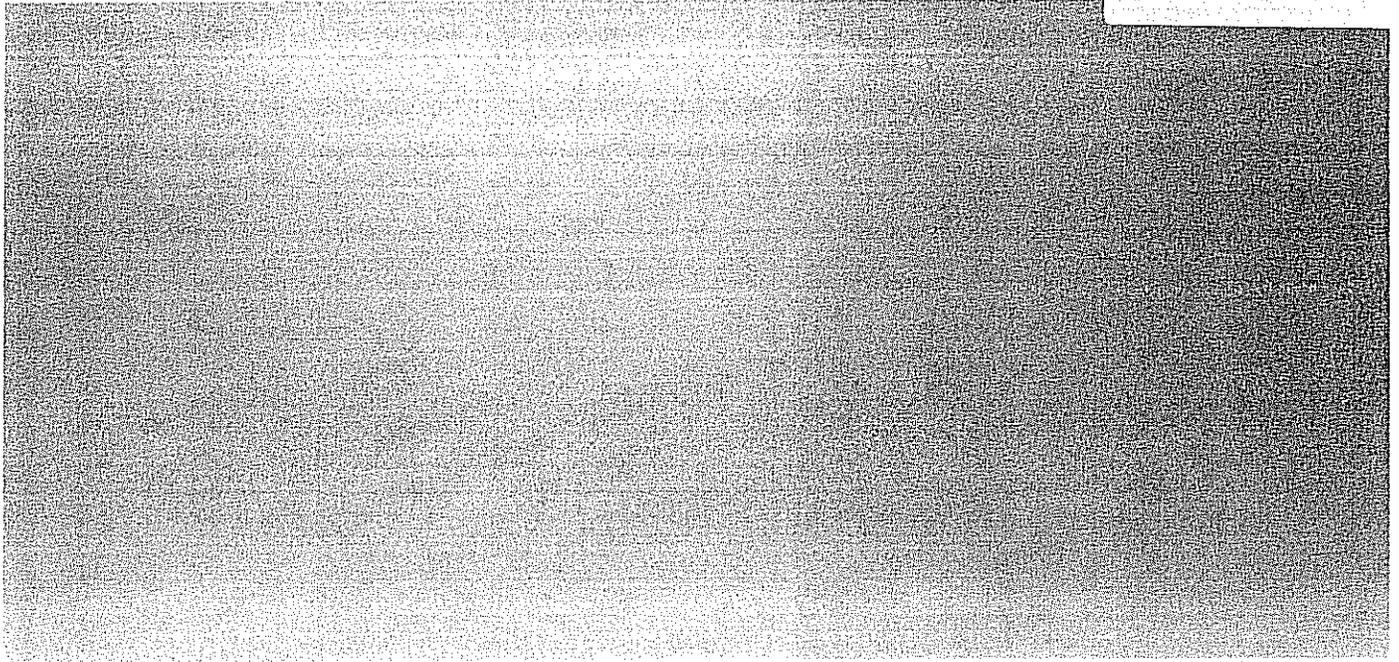


Try

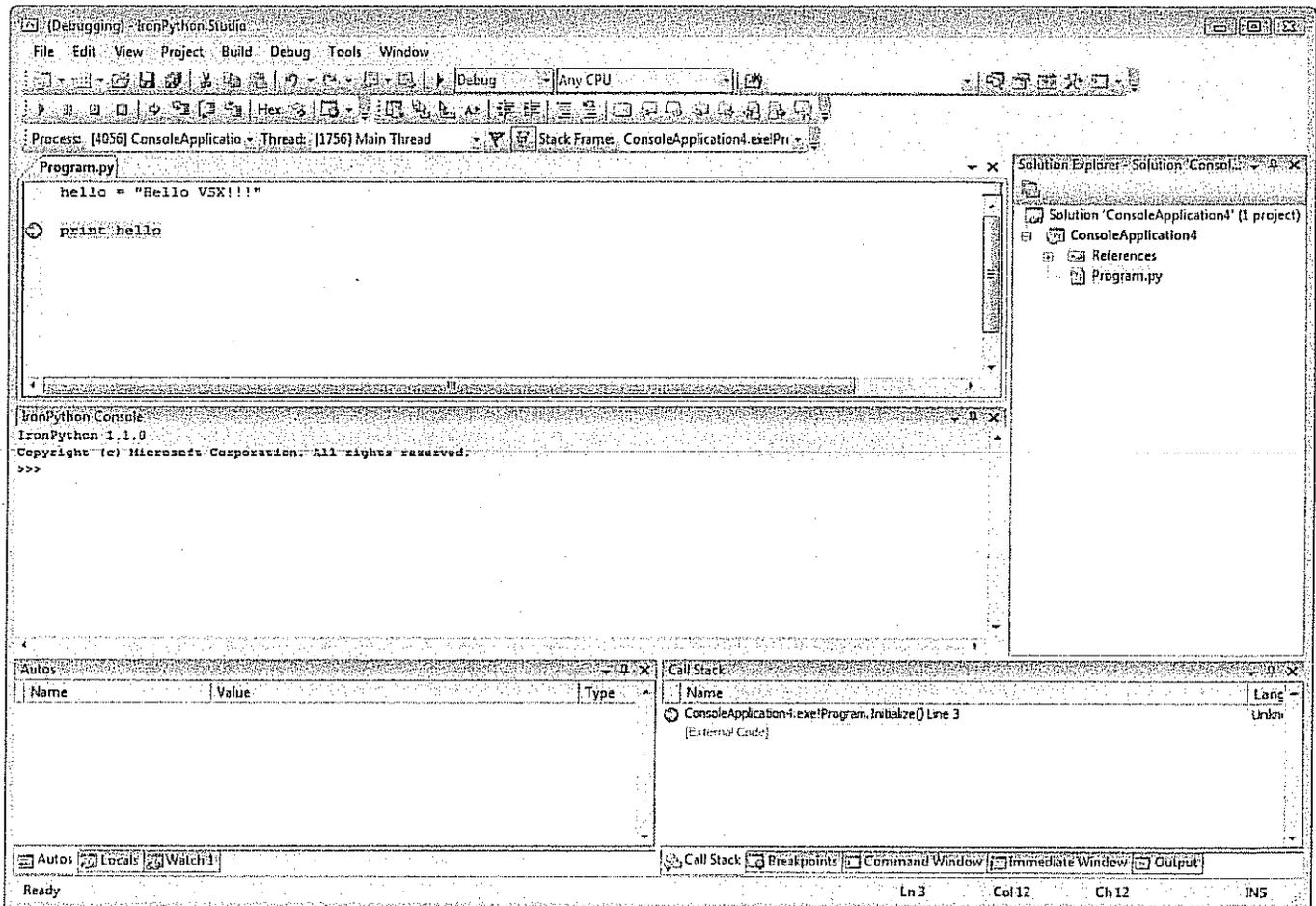
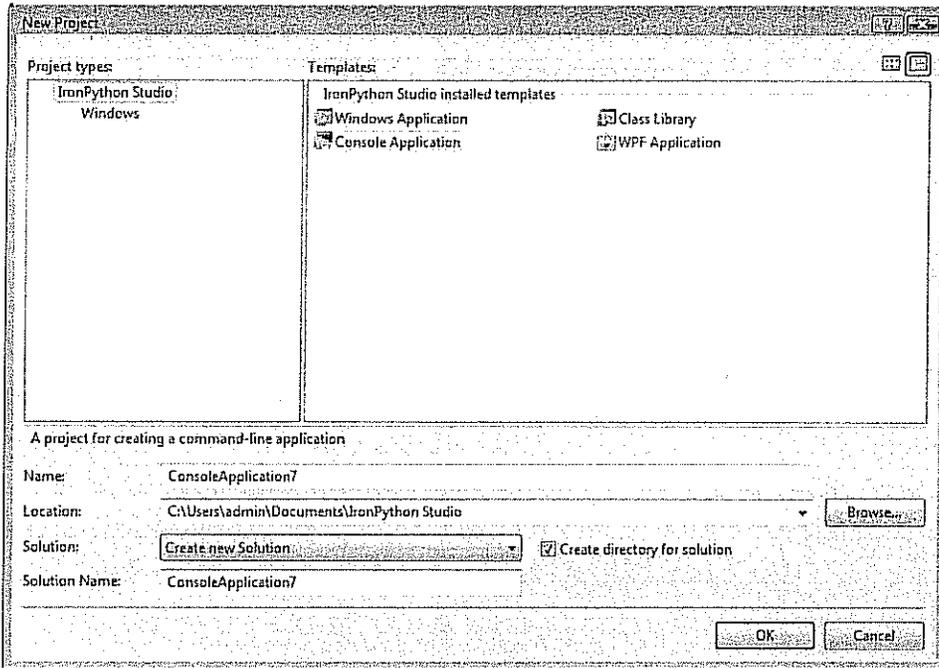


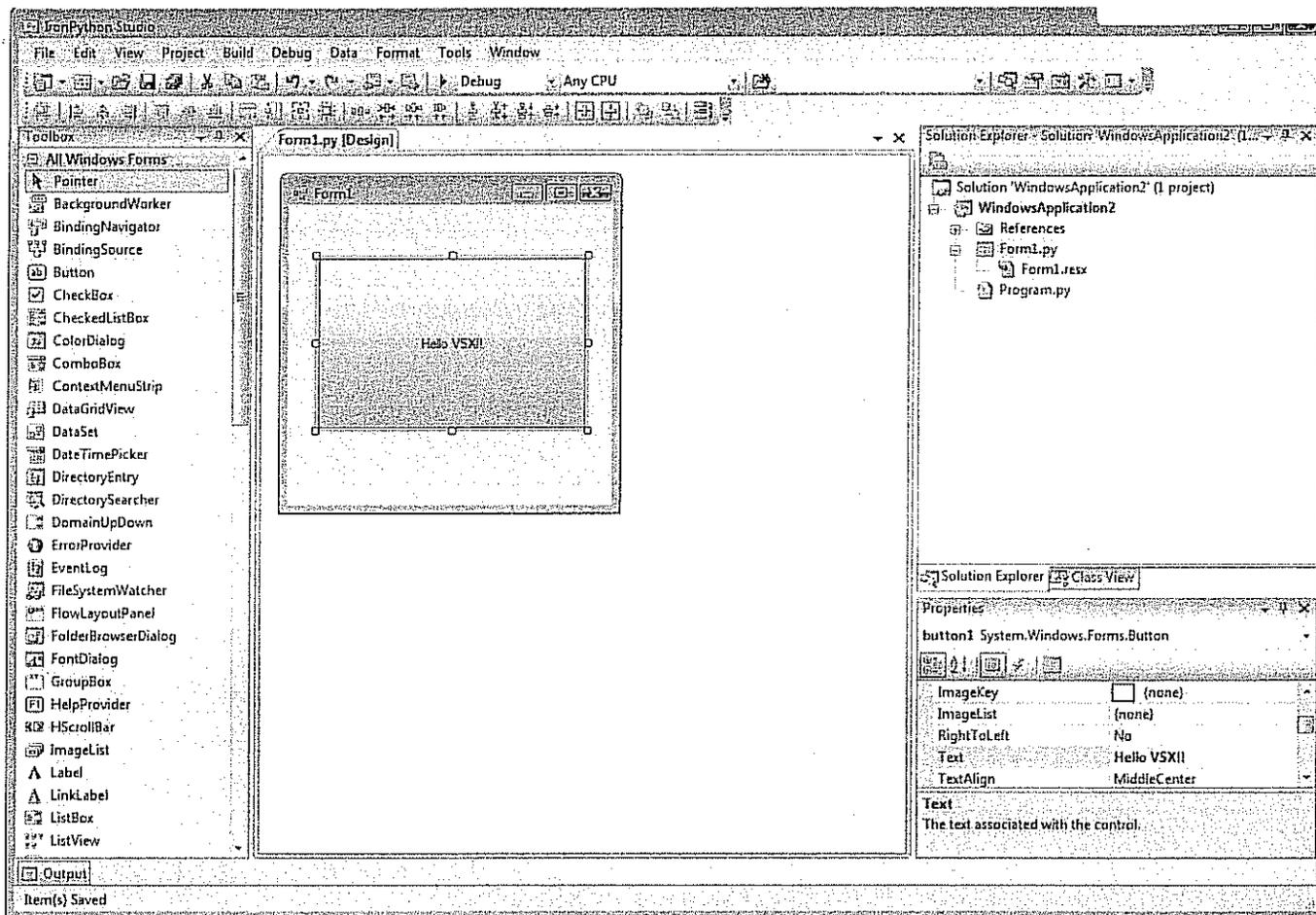
\*Trademarks

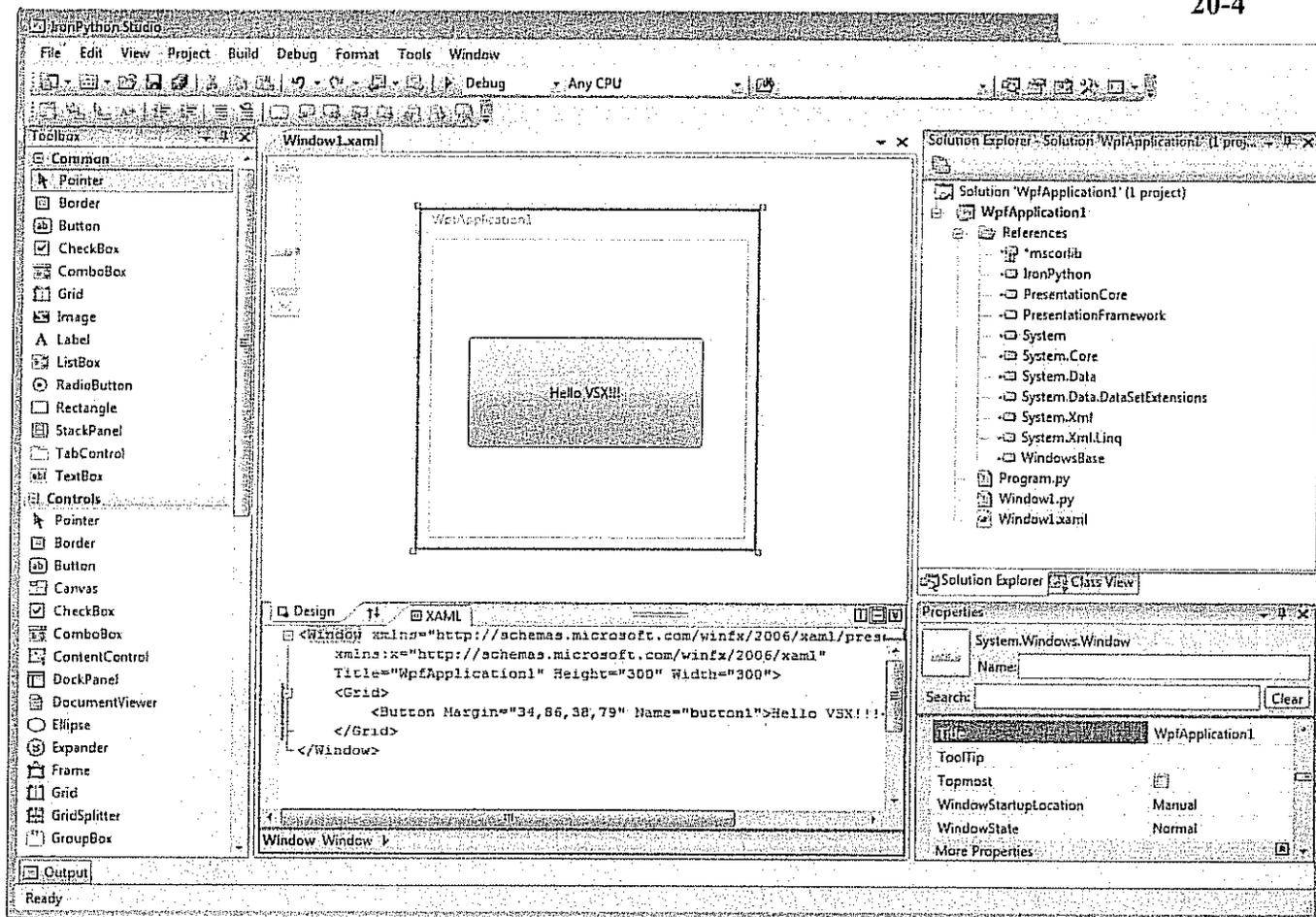
©Intel Corporation











## Getting started

- " Pre-requisites
- " How to install it?

This project is sponsored by Clarius Labs

Last edited Mar 28 2008 at 6:42 PM by PabloGalfano, version 13

Want to leave feedback?  
Please use Discussions or Reviews instead.

Archived page comments (17)