Blue Diamond

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What does Blue Diamond do for me?

- Dynamically generate web pages using data from a Progress data source (Database/DataServer).

- Accept data from a browser for insertion into a Progress data source.

How does it work?

- Browser initiates a HTTP message with the web server.
- The HTTP message references an URL within the CGI framework of the web server.
- The Web Server starts a progress session that includes the Blue Diamond Transaction Server code and the application code.
- The Progress session generates an E4GL programmable response to the web server.
- The web server issues the response back to the browser.

Can I???

- Use JavaScript? YES!
- DOM? If your browser supports it!
- Send back various Content-type responses? YES!
- Generate XML? YES!
- Generate HTML? YES!
- Call out to the operating system features? YES!
- Interact with AppServer? YES!

How does a programmer work this?

- Create a program with Blue Diamond Studio.

- Blue Diamond Studio provides a web interface to the 4GL Development System Progress license.

- Execute the program with the Blue Diamond transaction server.

Supported Operating Systems

- Redhat Linux
- HPUX
- NCR UNIX
- Tru64
- AIX
- SCO UNIXs
- Most Version 9 supported UNIX flavors
- Windows (limited though)

Supported Web Servers

- CGI 1.1 compliant

- Apache (preferred)

- Netscape/iPlanet

Supported Browsers

- This really depends on your programming…
- Internet Explorer
- Netscape
- Mozilla
- Opera
- Konqueror

What level of Progress do I need?

- Version 9.xxx

- 4GL development system OR

- Webspeed Workshop

- Progress RDBMS or Progress DataServer for your non-Progress database.

Blue Diamond to Webspeed

- Blue Diamond programs should compile under Webspeed directly without changes.
- Blue Diamond routines are a subset of Webspeed (the most useful subset.)

Webspeed to Blue Diamond

- Requires E4GL programming – HTML mapping is not supported.

- Most "wizard" generated code will have problems.

- ADM/SmartObjects not supported.

License

What does the license mean?

- It's a BSD License
- Free to redistribute the program with your application provided you credit Amduus Information Works, Inc. for part of the work.
- No one is torting Amduus, your adults and test to know if something works or not.
- Free to install on as many machines as you like – spread the Progress tool set! (Progress licensing may be different.)
- Open Source or binary redistribution rights granted.

How do I get support?

- Hire out Amduus Information Works, Inc. for an installation and programming.
- There are others out there who know Blue Diamond (see www.peg.com webspeed list)
- Hire out Amduus Information Works, Inc. for email based support.

Where can I get sample code?

- www.amduus.com has more open source applications like Portals, Help Desk system, etc.

- The site also contains E-Zines with useful code.

- Also are Webspeed programming tutorials (over 100 pages of them!)

More Information

Amduus Information Works, Inc. Website

http://www.amduus.com

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