

## **Catalyst Release Low Cost Logic Processing Tool**

*By Catalyst Development Corporation*

*Dated: Sep 08, 2006*

*87% of defects in software are errors in logic.*

Yucca Valley, CA, September 2006 - Catalyst Development Corporation, publisher of SocketWrench and SocketTools, today announced the release of its first application software, a logic processing software tool. LogicGem is designed to provide a familiar, easy-to-use way to create, edit, verify and compile logic for programmers and non-programmers alike.

LogicGem has a two-fold audience, software developers and business analysts. The common thread between these two diverse groups is that they both need to design logically complete business rules.

For the software developer, the business rules are in fact functional requirements for a software application that are translated into a programming language that becomes part of the application.

Much of the effort in software development does not involve writing code, but rather the process of covering every possible combination of circumstances – user input, database transaction, or any other event – that the program will encounter. If any combination of inputs or events is overlooked, the program will do things essentially at random. Even worse are errors made during program maintenance, usually by programmers who do not fully understand the interaction between dozens of different possibilities.

Cary Harwin, President/CEO, describes the need for LogicGem, especially in large companies, like this, “The complexities of current software projects coupled with extreme budget constraints on IT departments makes errors financially and legally costly, potentially dangerous, and always embarrassing. With LogicGem, team leaders can design the project, confer with the client, make adjustments, and finalize the design, all before any code is written.”

For the business analyst, the same need exists with the exception of translating the logic to a programming language. Business analysts need to develop concise business rules that represent real life or proposed business processes and these processes need to be every bit as logically robust as a software implementation.

LogicGem also provides the means to prototype and expand a high-level procedural concept into a spreadsheet like table, work it through analysis and design phases, and then generate English, French, German or Spanish language documentation and/or source code for Basic, C, C++, Fortran, FoxPro, Java, Pascal, PowerBuilder, SAS, Visual Basic, Visual Basic.NET, Visual C#.NET, or Xbase.

Other features:

- Build a visual representation of Business Rules
- Automatically find all missing and contradictory rules
- Program very complex logic constructs, without logic errors
- Automatically build all rules for defined conditions
- Validate the completeness of the logic in an Embedded System before it ships
- Easily create documentation for program logic
- Create a software testing suite knowing it is 100% complete
- Verify, compile and document procedural logic or processes

View Flash Movie Tutorials on using LogicGem on the Catalyst website at:  
<http://www.catalyst.com/movies/>

A fully functional 30-day evaluation copy is available for free download from the Catalyst web site –  
<http://www.catalyst.com>

Catalyst provides 60 day of free technical support. All Catalyst products come with a 30-day money-back guarantee. LogicGem is a Microsoft Windows application. A single developer license for LogicGem is \$295 USD.

#### About Catalyst Development Corp

Catalyst Development Corporation was founded in 1995 to create and market components and applications for software developers. Today, Catalyst Development is a recognized leader in Internet component software whose award-winning products are used by thousands of corporate, government and independent developers around the world.

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