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## **GammaTech Awarded NSF Research Grant to Develop Dependence Graphs for Dynamic Internet Technologies**

Ithaca, NY -- GammaTech, Inc. announced today that it has been awarded a \$99,904 Small Business Innovative Research (SBIR) Program Phase I grant by the National Science Foundation (NSF). Upon completion of this six-month contract GammaTech will be eligible to compete for up to \$500,000 in Phase II SBIR funding. Under terms of the agreement, GammaTech will investigate techniques for developing dependence graphs for dynamic Internet technologies such as Java, JavaScript, and ASP.

Software tools based on dependence graphs are distinguished by their ability to extract and operate deeper within the semantic structure of software programs than current tools. They will allow GammaTech to develop a series of applications for the maintenance, reuse, restructuring, testing, and debugging of Internet technologies.

### **ABOUT GRAMMATECH**

GammaTech was founded in 1988 to design, develop, and market language-based productivity tools for software engineers. The company has an active research agenda sponsored by DARPA, the Office of Naval Research (ONR), and the National Science Foundation (NSF). The company has conducted previous research on dependence graphs, formal methods, and language-based programming, and has successfully transitioned its research into commercial software tools. GammaTech currently markets CodeSurfer, a software-understanding tool, Ada-ASSURED, a language-sensitive editor, Ada-Utilities, a language-sensitive toolset for project-wide quality and standards auditing, and the Synthesizer Generator, a tool for developing language-sensitive program-development environments. These products are available directly from GammaTech and distributed by Aonix Software. Additional information is available on the Internet at [www.grammatech.com](http://www.grammatech.com).

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