

Compiler Positions at MathWorks

The MathWorks is seeking compiler, program analysis, and programming language experts to join our team. We have many open positions.

[http://www.mathworks.com/searchresults/?c\[\]=jobs&q=compiler](http://www.mathworks.com/searchresults/?c[]=jobs&q=compiler)

Code generation technology is a focus for the MathWorks. MATLAB and Simulink are used by over a million engineers and scientists world-wide to solve challenges in aerospace engineering, automotive engineering, financial engineering, signal processing and communications. Our code generation technology lets engineers convert their designs from concepts into reality by translating their designs into C code that runs on embedded processors; or directly into VHDL or Verilog suitable for running on an FPGA or ASIC.

Our code generator converts high-level input languages (MATLAB, Simulink, and Stateflow) into low-level output languages (C, and HDL) meeting stringent embedded and safety-critical constraints. The generated code must be correct, traceable, readable, and run lean and fast. We use cutting edge compiler technology and a high-degree of software craftsmanship to meet these goals.

Join our team and contribute to the software revolution in engineering.

Fred Smith

Senior Engineering Manager

(Feel free to contact me directly with inquiries: fsmith@mathworks.com)