Ada2CC Toolset

Ada to C++ Conversion

In today’s development environment, speed in getting a solution from development to deployment is critical. Often, mission specific knowledge is locked into legacy Ada code, precluding its use or re-use where a C++ solution is needed. In these situations, SimVentions utilizes the Ada2CC tool for translating legacy Ada code to C++.

Ada2CC Toolset

- 85-95% conversion efficiency for Ada2CC
- Translates from ADA 83 and Ada 95.
- Translates to ARM or ISO compliant C++.
- Preserves comments & placement across translation.
- Preserves variable names and guarantees case consistency in the output C++.
- Has no limitation on target platform.

For information about Ada2CC visit www.simventions.com
Benefits of Using Ada2CC

There are hundreds of millions of lines of Ada code embedded in DoD systems. As we approach the nadir in the lifecycle of Ada, the worry about maintaining these existent systems grows. SimVentions, with its partner Rehosting Technologies, has refined the Ada2CC tool and developed methodologies to successfully move Ada based software systems to C++. We have rehosted complex systems at record setting paces on time and on budget.

- Preserve your investment.
- Maintain the embedded knowledge.
- Provide for future development.

Ada was rarely taught in universities since conception. Since the DoD’s reversal of the Ada mandate, it barely rates a mention. Finding programmers skilled in this language is getting more difficult as time goes by.

SimVentions’ staff has rehosted over 20 Million lines of code; from Fortran to C/C++, Ada to C++, C++ to C#, and C# to Java.

For Example:
Apache Flight Simulator

Billions of dollars have been spent in developing these Ada dependent systems. A concordant amount of knowledge is embedded in this code. Manually reverse engineering of these software systems is an expensive proposition with a questionable return on investment.

Our wide range of experience allows us to dive deeply into legacy applications and facilitate future development under a common language!