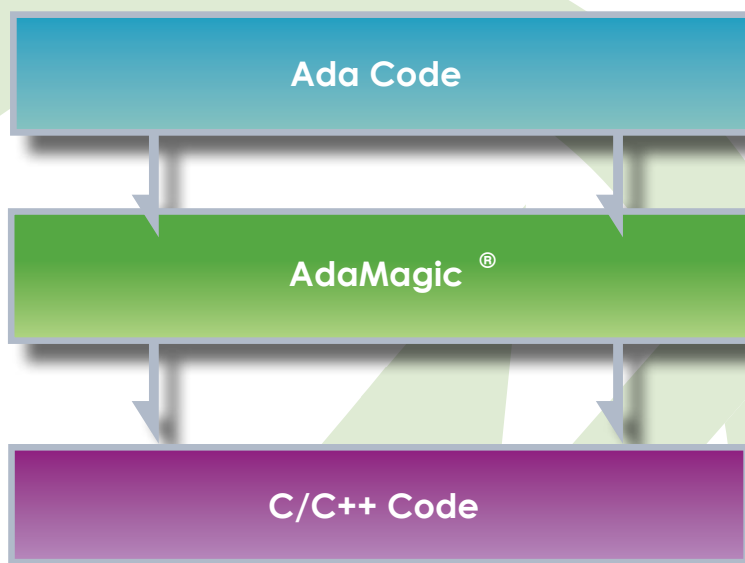


### Automatically Convert Ada to C/C++

AdaMagic® gives developers the ability to automatically convert software written in Ada to the C/C++ programming language. This automatic code conversion process eliminates the need for a costly and tedious code re-write thus providing development groups significant cost and time savings. AdaMagic gives users peace of mind by providing an automated process that eliminates the mistakes often made in the error prone task of a manual rewrite. AdaMagic is not just a simple source code syntax mapper, but utilizes advanced Ada compiler technology that ensures that the C/C++ source code generated will compile and execute true to the original Ada semantics. AdaMagic supports converting Ada 83 and Ada 95 source code and generates ANSI C output as well as certain C++ features while preserving the Ada code's comments, files structures and variable names to ease ongoing code maintenance and enhancement.

### AdaMagic® Features

- > Keeps "static" trees as symbolic expressions rather than evaluating them to literal values
- > Keeps the original comments in the generated C code
- > Keeps ".h" information as separate files
- > Preserves the original Ada names (globals and locals) as much as possible in the generated C/C++
- > User configurable options
  - Suppress all run-time checks in generated C to improve performance
  - "Pretty print" the output as much as possible to make it more readable
  - Make use of C++ exceptions rather than setjmp/longjmp
  - Make use of C++ namespaces rather than using pre fixed names
- > Performance of converted C/C++ code is typically equal to, or better than, the optimized Ada code



### About MapuSoft Technologies, Inc.

MapuSoft Technologies is the number one provider of embedded software re-usability solutions and services that are designed to protect software investment by providing customers a greater level of flexibility and control with product development. In addition to the new AdaMagic conversion tool, MapuSoft offers the software reuse products OS Abstractor®, OS Changer® and OS PAL™ to help developers streamline development processes and reuse their embedded software on one or more operating systems.

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