The following table lists the various milestones planned for the current release of the IDE:

Milestone	Planned date	Status
Project goes public	12/09/07	100%
System information scalability improvements	09/07	100%
Eclipse 3.3 and CDT 4.0 integration	09/08	100%
Application profiler enhancements	09/08	100%
System profiler enhancements	09/08	100%
System Builder enhancements	de-scoped	
Release	15 Oct 2008	.

Features#

System Information scalability improvements#

Now, the tool uses the XStream object serialization library to persist target information data to an XML file. This greatly improves the scalability of the tool in the following areas:

- Because of the way that the XStream library handles in-memory object reference, most objects can be serialized without the need for holding on to the object mapping; therefore the tool does not use as much memory as it did before
- The tool can perform logging for a much longer period of time. Some initial measurements show that the target snapshot logging can continue for as long as six hours, while previous results showed that a typical system would run out of memory when logging for more than one hour
- The results are in clean XML format, which is easier for users to read

Eclipse 3.3 and CDT 4.0 integration#

- Eclipse 3.3 Platform New and Noteworthy
- CDT 4.0 New and Noteworthy
- Managed build definitions for qcc
- Target tab for build properties on Makefile projects to select qcc target architecture
- Scanner discovery for built-ins for qcc
- Scanner discovery build output parser
- IDE 4 to IDE Tau project conversion for managed build projects
- New project template for resource managers
- Preindex nto header files
- QNX Project to CDT managed build project conversion

Application profiler enhancements

You can obtain a detailed description of these feature in this pdf document.

- Function enter/exit time instrumentation
- Call Tree/Reverse Call Tree modes
- Context navigation menu
- New Profiler sessions view with sessions persistence

- Profiler sessions comparison
- Session snapshot tool
- Pause/Resume Profiling
- View cloning
- History navigation
- Data Grouping
- Session Import
- Properties view integration
- View customization
- Copy to clipboard
- View Filtering
- Search in Tree View
- Annotated editor improvements

System profiler enhancements#

- Launch with profiling capabilities
- Integration with GCC compiler instrumented function profiling
  - "Show in" application profiler capabilities
  - Application stack based timeline view