

Market Requirements Document

Feature Name: Streamlined C++ Development Process

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Description of the Problem

Objectivity/DB developers using C++ have to preprocess their object class definitions with a Database Definition Language (DDL) processor. Objectivity for Java developers can define the classes in standard header files. Assist has made it easier to define classes, but it still calls the DDL processor instead of being able to use Active Schema.

Description of the Requested Feature

There should be a simple way for a user to define C++ classes directly from a regular C++ header (.h) file or a Unified Modeling Language [[UML](#)] file. As C++ does not directly support named one-to-many or many-to-many links, there should be a simple way to add association definitions to a standard C++ header file.

Part of an existing feature or does it require another feature, if so, which one?

Part of Objectivity/DB for C++ Developers.

How is this problem being solved now, and why isn't that acceptable?

Developers are forced to manually convert their header files, which can be very time consuming and delays evaluations.

What languages must support this capability?

- C++

Which platforms must be supported?

- All current platforms.

Do any competitors already have this feature?

- Oracle and DB2.

Customers who require this feature

- All C++ developers.

Revenue at risk, or which could be won

- Having this tool will improve the productivity and usability of our C++ product..

When is this required?

- Release 10.

Additional Notes

1. We will also need:

- Marketing collateral
- Technical Publications