Foray Prototype Project
What is Foray?

A C++ data access library.
What is Foray?

A C++ data access library that provides a common programming interface to multiple radar and lidar data formats.
What is a library?

- Application
- Operating System
What is a library?

Application

Library

Operating System
What is a library?

- Application
- Foray
- Operating System
What is a library?

- Solo QT
- FORAY
- Operating System
What is a library?

Solo Qt

Foray

Qt

Operating System
What Foray Proved

• One library can read and write multiple data formats.
• C++ features such as exceptions are useful.
• Even if the interface design is given the highest priority, application speeds will be acceptable.
• One library can be created that can be used across multiple platforms.
Foray’s Future

• What is the project lifetime of Foray?
• Should the Java programming language be considered instead of C++?
• If C++ is used, should utility classes provide by Trolltech' Qt or from the Boost project be used?
• Should we support interactive languages, such as IDL, Matlab, or Numeric Python?
• Who would be Foray’s patron?