Java <--> C++ Reqs
Architecture

- Languages should not be mixed inside a Package.
- If a Packages in a Domain may exist in two languages,
  the interface should be fully implemented in both.
- The only bridge between languages should be on the Package border.
- User working on one Package should work in a single language environment.
- All other uses of language mixing should be forbidden.

- All code necessary for a bridge should be created automatically during build
  (at run-time ?).
- In particular, new Package could be developed in either language,
  the inteface (to the framework) should be automatically available for both.

Java <--> C++ Reqs
Mapping of Features

- Inheritance.
- Relations.
- Aggregation.
- Non-primitive arguments.
- Templates.

Java <--> C++ Reqs
Global Features

- Exceptions.
- Memory management.
- Debugging.