ccmtools

Developer Meeting
May 10–14, 2010
What is it

- CCM = CORBA Component Model
- CORBA = Common Object Request Broker Architecture
- Code generator
- Direct binding to component
- CORBA binding to component
- Implemented in Java + C++ library
Why we use it

- Provides both CORBA connection and direct access to components (*former* requirement)
- ccmtools is largely hidden from developers and completely hidden from users
- Generated interface is STL based
Details

- **New** easy to build
- Generates binding code
  - CORBA IDL + XML
  - *__cmpt.cc/h* up to Python
- Not used outside of Salomon Automation
- Minimal maintenance required
Good

- Little ongoing investment
- Seems to work
- Complete control over the generation
- Straightforward CORBA connection with no (little) change at the Python level
- CORBA imposes some parameter constraints
Bad

- Cryptic error messages
- No community of developers
- Does anyone still choose CORBA
- CORBA imposes some parameter constraints