Introduction

- Web Service Composition:
  - Connecting Web Services to create a system of Web Services

- Implementation:
  - Eclipse SDK
  - Eclipse GEF
  - SWT
Implementation: Eclipse 3.2.1
Components

GUI:
- Eclipse GEF

General Webservice Data Model
- Webservice Structure
- Invocations

Utilities:
- Connection
- Parse WSDL
- Populate Model
General WS Model

- Webservice
- Operation
- Invocation
- Argument
- ArgumentData
- Return
- ReturnData

Type
Challenges?

- Incorporating Complex Data Types
  - How to incorporate Complex Data Types into a General model?
  - Can Easily be converted into POJO using WSDL2JAVA. (Axis Utility)
    - However: Must parse Java metadata to “learn” custom class structure.
  - OR?
    - Easier to just parse WSDL? (Using JWSDL)
  - How to represent in UI?
Future Work

- Implement Complex Type
- Documentation
- Thesis Writeup