

A TAP Client API

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Overview

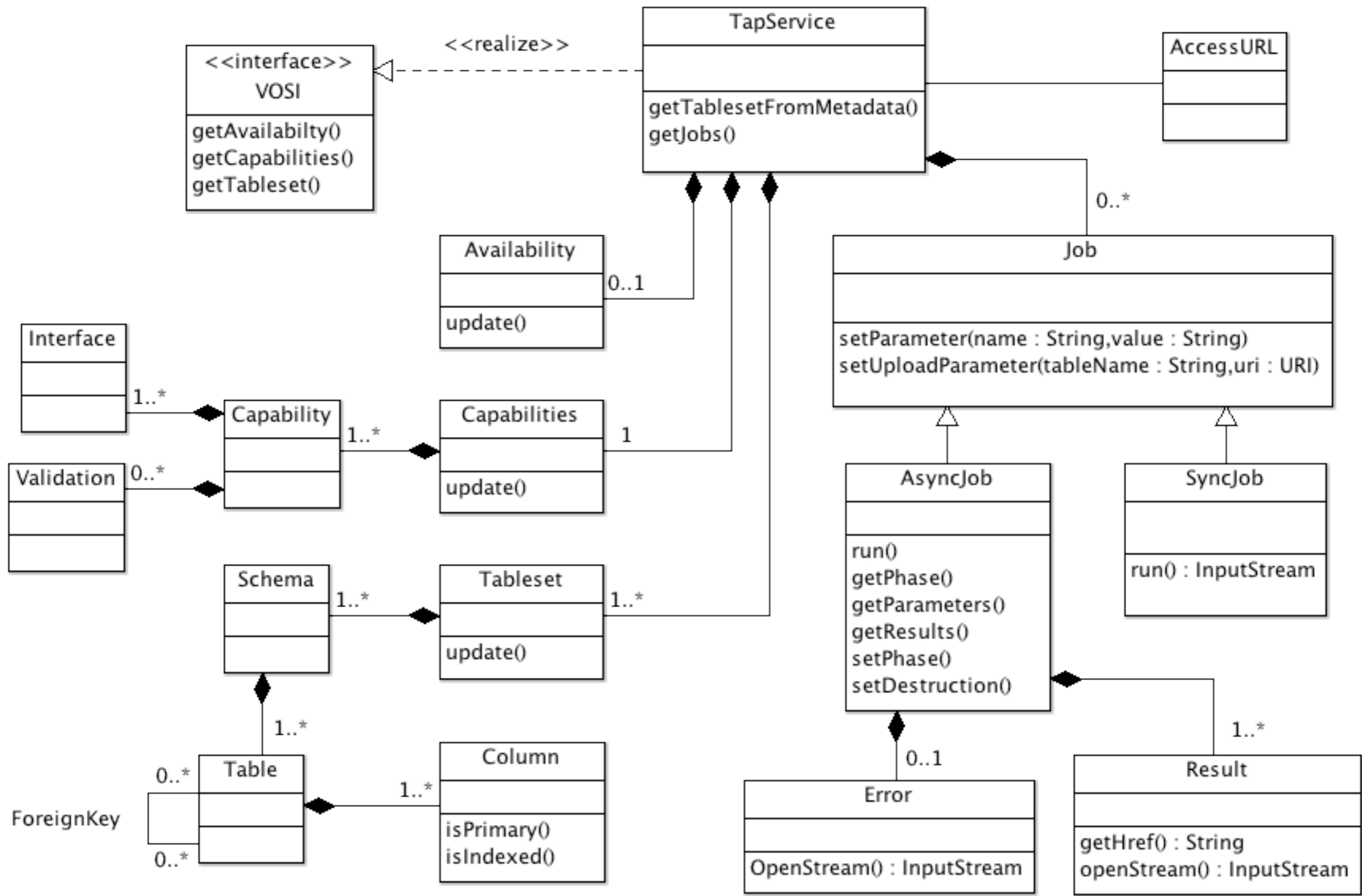
- Motivation for developing the API
- Design overview
- Documentation overview
- Examples

Motivation

- Functionality is needed for our on-going development of a TAP client application
- Making it available in a standalone package could be useful to other projects

Design Overview

- Vosi package includes classes to retrieve information at a service's vosi endpoints
- Tap package includes classes for data queries
- Built in metadata queries for case of services that do not implemented a vosi tables endpoint



Implementation

- Java 1.6
- Apache http client libraries
- Apache xmlbeans for java to xml binding
- Javadoc
- User's manual

Conclusion

- Working on adding user authentication
- Services need to be validated
- No other problems in following the standards