Mt Wilson

Java Projects

# Background

To enable writing plugins and creating custom distribution packages of Mt Wilson, the Java projects should be organized to provide flexibility in reusing features and in managing plugin dependencies.

# Architecture

A feature is implemented as a set of component projects. These are named “<prefix-feature>-<component>”. For example, “mtwilson-attestation” or “mtwilson-whitelist”

To ease the package management, the examples above can be split up into at least two parts each: an API project, a web services project, and possibly others depending on the functionality.

In the attestation and whitelist example, “mtwilson-attestation-api” and “mtwilson-whitelist-api” were renamed, and “mtwilson-attestation” and “mtwilson-whitelist” will be renamed.

## What goes in an API project?

An application programming interface (API) project should contain the public interfaces and concrete classes representing the data model.

A web services project should include a reference to the API project and define any concrete classes which are required by the interface or for normal use of the package.