Apache Maven

Beginner to Guru

Maven Settings

Maven Settings Files

- **User Settings** - kept in <user home>/.m2/settings.xml

  - Can be overridden with command line parameter -s <path / filename>

  - Common to override in CI builds

- **Global Settings** - Kept in Maven home /conf/settings.xml

  - Applies to all users using Maven from that directory

  - Can be overridden with command line parameter -gs <path / filename>

  - Rarely used, user settings typically used instead

Settings Elements

- **localRepository** - Allows you to override the location of the local Maven repository

- **interactiveMode** - Allows you to set interactive / batch mode. Defaults to interactive.

- **usePluginRegistry** - Maven 2.0, no longer used in Maven 3.0

- **offline** - defaults to false, if true Maven will not try to connect to remote repositories

- **pluginGroups** - List plugin group ids, to allow abbreviated plugin goals

- **servers** - element allows you to set user credentials for servers which Maven connects to

- **mirrors** - Allows you to configure mirrors for repositories

Settings Elements

- **proxies** - Define network proxy information

- **profiles** - Define build profiles

- **activeProfiles** - define active build profiles

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