

# Maven modules decomposition

IzPack is decomposed in several maven modules.

There is an agregator pom in the project root which aggregate all modules and all modules share the same parent.

- **izpack-parent** : The common parent of all modules. It defines dependencies' version with dependencyManagement, common dependencies and common configuration (like version of java compilation)
- **izpack-api** : interfaces and global models for IzPack
- **izpack-tools** : Tools independent of the IzPack API
- **izpack-util** : Helper methods (IoHelper, OsConstraints...)
- **izpack-core** : Defines classes shared by the compiler and installer.
- **izpack-compiler** : Contains logic for the installer compilation.
- **izpack-gui** : GUI classes as Layout, factories
- **izpack-uninstaller** : Contains all uninstaller classes
- **izpack-panel** : Contains all panels
- **izpack-native-parent** : common parent for native library support
- **izpack-event** : Containing listener for installation
- **izpack-installer** : Installer managing launch, unpacking and installation of the installer.
- **izpack-dist** : Contains all resources for the IzPack self-installer
- **izpack-wrapper** : Contains izpack2exe, izpack2app, izpack2jnlp

Test modules :

- **izpack-test-common** : Contain class shared by tests like Matcher and Mocks and Junit custom runner
- **izpack-test-listener** : Contains InstallerListener and UninstallerListener implementations for testing purposes
- **izpack-test** : Integration test of IzPack. Execute sample install and compilation

Build Support :

- **izpack-maven-plugin** : defines the IzPack mojo running IzPack compilation
- **izpack-ant** : ant task for running IzPack compilation