

## Summary

The build tool is composed of the personal build and the integrated build; the former runs a build in the developer's PC to create executable codes, and the latter integrates the codes created by project developers to carry out the build. The e-government standard framework provides Maven and Hudson (open source CI server) as build tools.

## Description

Process of the software project build

- Personal build
  1. The developer writes a software source code.
  2. Use the personal build to create an executable binary code.
  3. Check the code and commit it to the configuration management server.
- Integrated build
  1. The development server has the latest source code checked out by the configuration management server.
  2. Use the periodical automatic build process to carry out the code build and then create an executable software package.
  3. Distribute the packaged software to the operation server.
- Restart the WAS at the operation server to run the written software.

