

XML File

Tuesday, June 5, 2018

12:10 PM

Deployment profiles

jar → Collection of java classes
war → Collection of UI components
 ↳ JS, CSS, images, jsp, jstf...
ear → jar + war

Continuous Integration

- Compilation
- Generation of jar files
- deploy them
- Run them

Ant Script

XML files

build.xml

- one (or) more targets ⇒ Collection of tasks.
- Target names are case sensitive
- Performs tasks (Are the actions/commands that you can execute on shell)
- Tasks can have parameters
- build.xml - where all tasks are defined
- Each project → one (or) more targets → one (or) more tasks
- Tasks — Parameters
 - └ Some predefined with ANT framework
 - └ Can create custom tasks.
- build.xml
 - └ one (or) more projects
 - └ Targets
 - └ Tasks

└ Targets
└ Tasks

Properties of project

Three attributes

└ name
└ default
└ basedir

→ Can be set Before hand
↓
omitted in project tag

↓
Not set beforehand (or) in the project tag

↓
Parent directory of the buildfile
will be used

Build → Target → Task → Piece of code
↓

ID attribute → later referred to
by the value
supplied

↓
value has to be
unique

ANT Properties

Properties → Customize build process

→ Provide shortcuts for strings
used repeatedly

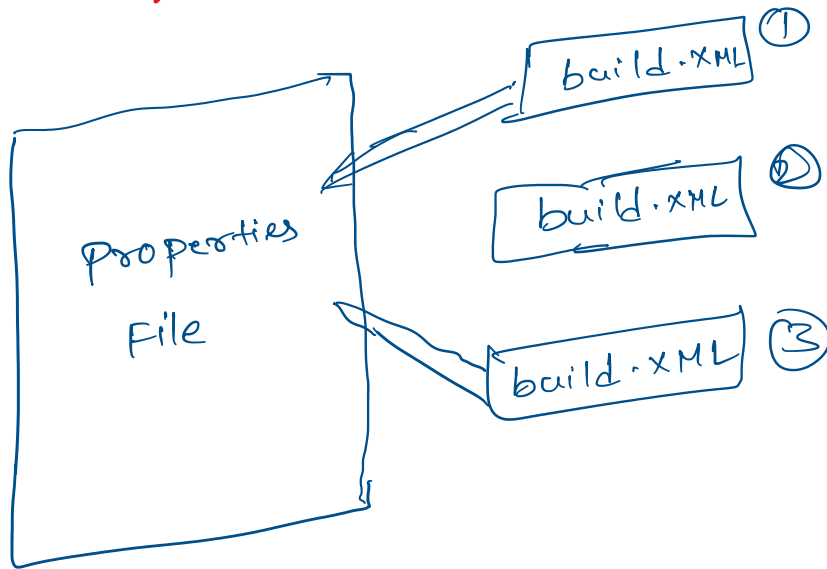
→ Name & value ; name → Case-sensitive

→ used in the value of task
attributes

→ used nested text that supports them.

• "\${shortcutName}"

- used in
- "\${propertyName}"
- buildDir property with value "build"
- attribute: \${buildDir}/Classes
- Run time: build/Classes



Properties file: <name>.Properties

Key = Value

Can give relative path (or)
absolute path

Delete - ANT task → Delete a directory

<ant call target="test-target">

<param name="Person-Name" value="vinoj"/>

</antcall>