

Typed Tasks



Kevin Jones

@kevinrjones

Ad-hoc Tasks

- All the tasks we've created up until now
 - task Task1
 - task Task2 << {}
 - task Task3 {}

Typed Tasks

- Suppose we want something more complex
- Copying files?
 - Open file/read file/ write file
- Zipping files?
- Would like this to be re-useable
- Enter typed tasks

What Built-in Task Types Are There?

- <https://docs.gradle.org/current/dsl/>
- Full DSL reference
- List task types and examples of their use

The Copy Task

```
task copyImages (type: Copy) {  
    from 'src'  
    into 'dest'  
}
```

The Copy Task

- Can also
 - rename files
 - restructure directories
 - 'expand' files (text replacement)

Expanding Text

```
task copyConfig (type: Copy) {  
    include 'web.xml'  
    from 'src'  
    into 'config'  
    expand ([  
        resourceRefName: 'jdbc/JacketDB'  
    ])  
}
```