

# Build automation 101: Jenkins



```
Jenkinsfile x
```

```
17  .
18  reactNativeStaticAnalysis {
19    nodeLabel = 'centos_7'
20    staticAnalysisCommand = 'npm run lint'
21  }
22  .
23  reactNativeUnitTests {
24    nodeLabel = 'centos_7'
25    unitTestsCommand = 'npm test'
26  }
27  .
28  reactNativeBundleAndroidResources {
29    nodeLabel = 'centos_7'
30    bundleAndroidResourcesCommand = 'npm run bundle_android'
31  }
32  .
33  androidBetaUpload {
34    nodeLabel = 'centos_7'
35    stageSuffix = 'Android'
36    isReactNative = 'true'
37    gradleTasksDebug = 'clean assembleRelease crashlyticsUploadDistributionRelease'
38  }
```

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## Stage View

				Checkout scm	Install Dependencies	Static analysis	Unit Tests	Bundle Android Resources	Android - Beta upload	iOS - Build
Average stage times: (Average <u>full</u> run time: ~37min 25s)				1min 12s	2min 35s	32s	41s	2min 23s	12min 11s	17min 8s
#1471	Jan 08	1 commits		28s	2min 17s	25s	47s	4min 50s	23min 40s	16min 30s
#1470	Dec 05	1 commits		54s	2min 57s	26s	42s	2min 30s	9min 32s	16min 13s
#1469	Dec 05	2 commits		41s	2min 55s	35s	53s	1min 21s	10min 40s	16min 23s
#1468	Dec 05	5 commits		1min 32s	2min 39s	30s	31s	1min 56s	12min 12s	17min 51s