

# MICROEJ SDK 6 GRADLE CHEAT SHEET



## Run an Application

Run On Simulator  
`./gradlew runOnSimulator`

Debug On Simulator  
`./gradlew runOnSimulator -P"debug.mode=true -P"debug.port"=8000`

Run On Device  
`./gradlew runOnDevice`

## Build an Application

Build the Executable  
`./gradlew buildExecutable`

Build the Feature  
`./gradlew buildFeature`

## Use Development Tools

Stack Trace Reader

- on Console

```
./gradlew execTool --name=stackTraceDecrypter --toolProperty=proxy.connection.connection.type="console" --toolProperty=application.file="/path/to/application.out" --toolProperty=additional.application.files=""
```

- on UART

```
./gradlew execTool --name=stackTraceDecrypter --toolProperty=proxy.connection.connection.type="uart" --toolProperty=pcboardconnection.usart.pc.port="COM8" --toolProperty=pcboardconnection.usart.pc.baudrate="115200" --toolProperty=application.file="/path/to/application.out" --toolProperty=additional.application.files=""
```

Serial to Socket Transmitter

```
./gradlew execTool --name=serialToSocketTransmitter --toolProperty=serail.to.socket.comm.port="COM8" --toolProperty=serail.to.socket.comm.baudrate="115200" --toolProperty=serail.to.socket.server.port="5555"
```

## Execute a Testsuite

For the default testsuite  
`./gradlew test`

For the testsuite "myTest"  
`./gradlew myTest`

For one test  
`./gradlew test --tests MyTest`

## Publish a Module

Publish a Module  
`./gradlew publish`

## Multi-Project

Execute task in subproject  
`./gradlew :<subproject>:<task>`

## Misc

Display info logs  
`./gradlew <task> --info`

Clean all built files  
`./gradlew clean`

Display project dependencies  
`./gradlew dependencies`

Reload dependencies in cache  
`./gradlew <task> --refresh-dependencies`

Skip a task  
`./gradlew <task> -x <taskToSkip>`

