

Running QA Apps on the RI

Overview

This page addresses the general steps for configuring and manually running a QA xlet to test basic functionality and to verify that the RI is installed and running correctly.

The complete set of QA Apps, a.k.a. the Integration Xlets, can be found in [\\$OCAPROOT/apps/qa/org/cablelabs/xlet](#). Most xlets directories contain a readme file with specific configuration instructions for executing that xlet. In the case of [xlets used for release testing](#) the most up-to-date instructions can be found in [\\$OCAPROOT/apps/qa/docs/IntegrationTestInfo.doc](#). For all other xlets consult the test-specific readme file.

General Instructions

Configuration Parameters

To run the QA Integration Xlets a number of files must be modified. Below are the files typically used for running xlets. In some cases additional configuration changes, specified in the test-specific instructions, will need to be made.

hostapp.properties

hostapp.properties is located in `$OCAPROOT/bin/$OCAPTC/env` and is responsible for telling the stack which xlet to start. To run a specific xlet, copy the hostapp.properties from the xlet directory to `$OCAPROOT/bin/$OCAPTC/env`, overwriting the existing hostapp.properties. For example, for the TuneTest xlet:

```
>cp $OCAPROOT/apps/qa/org/cablelabs/xlet/TuneTest/hostapp.properties.tune $OCAPROOT/bin/$OCAPTC/env/hostapp.properties
```

Note: For some xlets no hostapp.properties will be used. In these cases the instructions in [IntegrationTestInfo.doc](#) or the readme file will specify removing the hostapp.properties files.

final.properties

final.properties is located in `$OCAPROOT/bin/$OCAPTC/env` and should be created, if it doesn't exist, or edited to include:

```
OCAP.xait.ignore=true
```

config.properties

For tests which require tuning to specific channels typically a test-specific config.properties is required. In cases such as these you will need to copy the config.properties from the xlet directory to `$RICOMMONROOT/resources/tunedata/config.properties`, overwriting the existing config.properties. For example, for the TuneTest xlet:

```
>cp $OCAPROOT/apps/qa/org/cablelabs/xlet/TuneTest/config.properties.tune $RICOMMONROOT/resources/tunedata/config.properties
```

Starting an Xlet

For some xlets such as RiExerciser and TuneTest configuration can be done automatically using the `-setup` command. For these xlets, the configuration and starting of the app is accomplished as follows:

```
> cd $PLATFORMROOT
> ./runRI.sh -setup -xlet RiExerciser
OR
> cd $PLATFORMROOT
> ./runRI.sh -tunetest -setup
```

Alternately, to configure and run a xlet manually, you must configure as described in the previous section and then start the RI.

```
> cd $PLATFORMROOT
> ./runRI.sh
```

For additional info on running xlets see:

- [Manually configuring to run the Circles Xlet](#)
- [Tune Test Instructions](#)
- [Integration Xlet Testing](#)