Keysight Technologies

N5452A Compliance Application Remote Development Kit for Infiniium Oscilloscopes

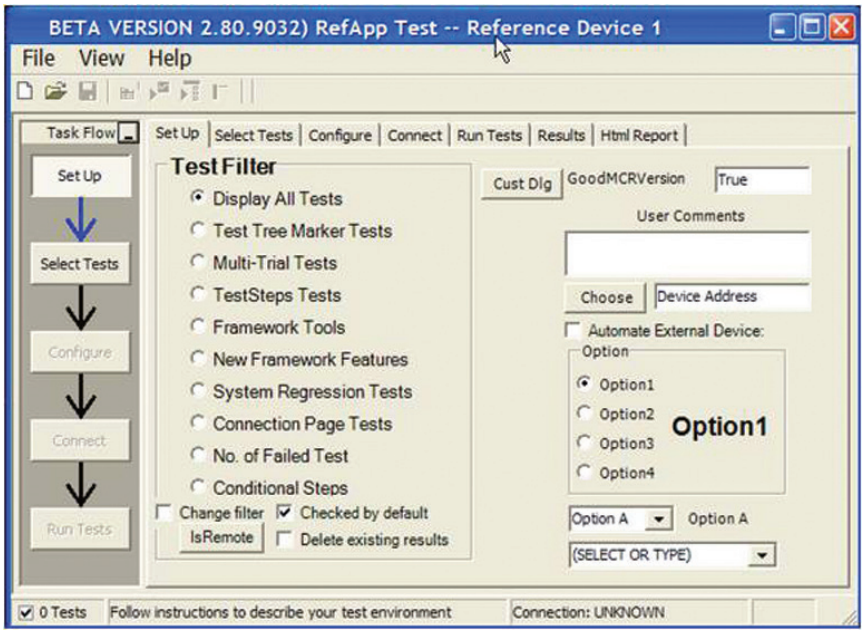
Data Sheet

KEYSIGHT TECHNOLOGIES

A full-featured development toolkit to help you communicate remotely with Infiniium compliance and validation applications.

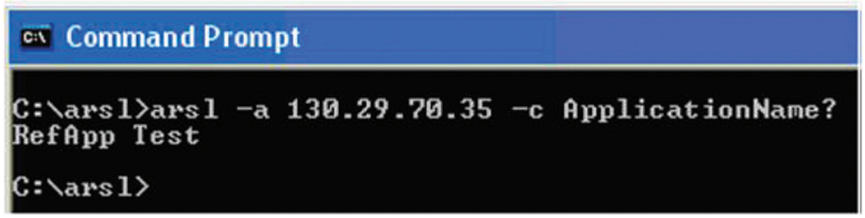
- Infiniium Compliance Application Programming Guide
- Functional programming utilities for text-based, GUI-based, andInfiniiumAPI remote command/queryemulation
- DLL adapters for C# and LabVIEW* 8.5 for simple integration
- Example scripts and control source code Compiled help (.chm) files for quick navgation and command syntax

*LabVIEW is a product of National Instruments



A single N5452A license enables remote command/query support for all Infiniium compliance or validation applications running on a single oscilloscope. You can use the toolkit to:

- Launch and close applications
- Configure options
- Run tests
- Obtain results
- Control when and where dialogs are displayed
- Save and load projects



Choose the way you communicate remotely with a compliance application

- Use a remote client executable provided by Keysight Technologies, Inc. in the Compliance Application Remote Development Kit
- Create a custom remote client containing commands writtenin a .NET 2.0 programming language such as C# 2.0
- Perform graphical programming using National Instrument's LabVIEW 8.5 environment

The Compliance Application Remote Development Toolkit contains everything you need

- Helpful guides
- Executable sample clients (including source code)
- Projects to help you get started developing your remote client
- Programming examples written in Microsoft C# 2.0 and in National Instruments LabVIEW

Install the remote development toolkit software on the personal computer you will use to develop the remote oscilloscope software.

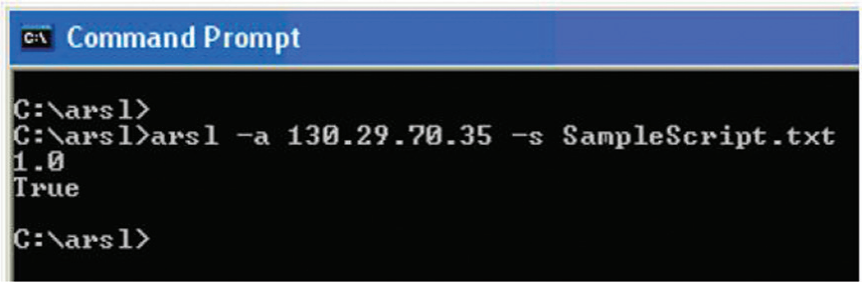


Figure 1. Execute a sample test script on the remote Infiniium oscilloscope.

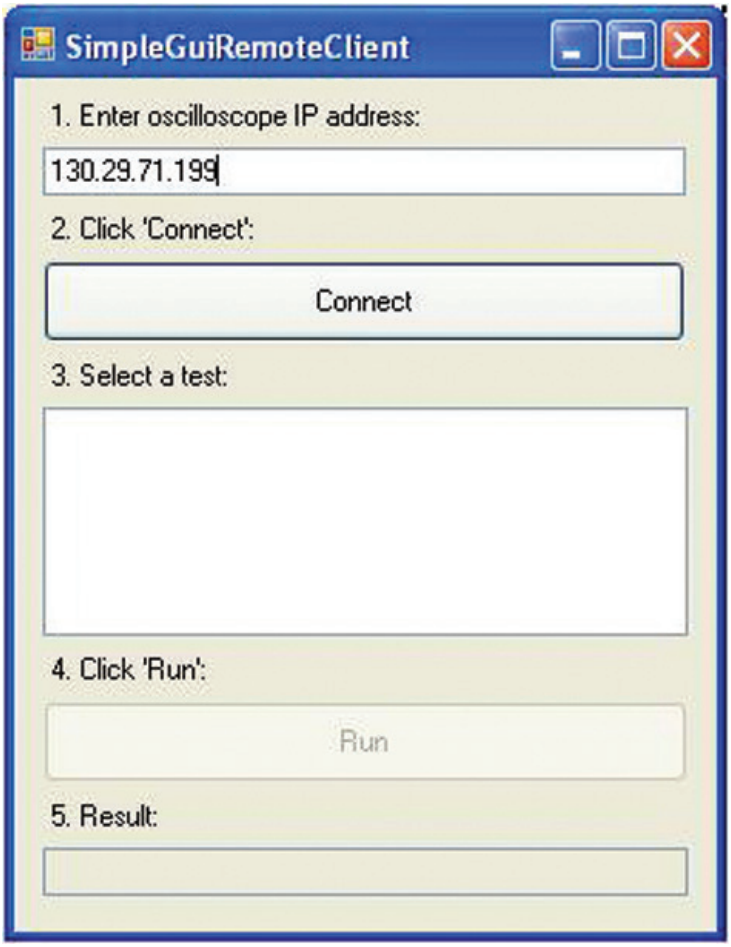


Figure 2. Use a simple GUI environment to remotely control a compliance application on your oscilloscope.

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