How to use the Rohde & Schwarz LabWindows/CVI Instrument Drivers

Driver Documentation

Getting started guide for Rohde & Schwarz attribute based LabWindows/CVI instrument drivers.

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1 LabWindows/CVI

1.1 Getting Started

The LabWindows/CVI drivers and examples can be downloaded from the Rohde & Schwarz download area of the website:

http://www.rohde-schwarz.com/drivers

In order to be able to compile an application it is required to add following files to your LabWindows/CVI project:

- *rs<Driver>.c*
- *rs<Driver>.h*
- *rs<Driver>.fp*
- *rs<Driver>_attributes.c*
- *rs<Driver>_attributes.h*
- *rs<Driver>_callbacks.c*
- *rs<Driver>_utility.h*
- *rs<Driver>_utility.c*
- *rsidr_core.c*
- *rsidr_core.h*

To be able to use feature of a specific personality, as well the corresponding source code is needed to add to the LabWindows/CVI project (e.g. *rs<Driver>_<Personality>.c*).

1.2 How to use the attribute based Instrument Driver

How to use attributes is described here: 1MA170: Introduction to Attribute Based Instrument Drivers.

1.3 LabWindows/CVI Version

Use National Instruments LabWindows/CVI 6 or later.

1.4 Additional Help

The LabWindows/CVI instrument driver consists of a ZIP archive containing the driver sources. In addition the instrument driver documentation is also included in compressed HTML format (Windows CHM help file) and stored together with the driver sources.

2 Related Documents

- Application Note 1MA170: Introduction to Attribute Based Instrument Drivers
  http://www.rohde-schwarz.com/appnote/1MA170.html

- Application Note 1MA153: Development Hints and Best Practices for Using Instrument Drivers http://www.rohde-schwarz.com/appnote/1MA153.html

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Certified Quality System
ISO 9001

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