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Chapter 1

Introduction

Thank you for choosing J-Link / J-Trace as your debugging and programming solution.
This manual presents a quick start guide for J-Link / J-Trace and the J-Link Software and Documentation Pack, supported on Windows, Linux and MacOS.
SEGGERs motto is “It simply works” which also applies to getting started with debug probes and the related software.

J-Link - Wiki page
1.1 Overview

1.1.1 Getting started

The only thing you have to do is downloading and installing the J-Link Software and Documentation Pack from the SEGGER homepage. It is a free of charge software pack that contains a wide variety of tools used for debugging and production. For more information about what is included in the J-Link Software and Documentation Pack, please refer to:

- J-Link / J-Trace Manual
- J-Link Software and Documentation Pack release notes

1.1.2 Supported Cores and tested devices

J-Link / J-Trace together with the J-Link Software and Documentation Pack provide support for a wide variety of cores and devices. For a list of cores and devices supported by J-Link / J-Trace, please refer to:

- List of supported Cores
- List of supported Devices

1.1.3 Supported IDEs / debuggers

J-Link / J-Trace is supported by all common IDEs on the embedded market. As the J-Link Software and Documentation Pack also comes with a GDB Server, all IDEs supporting the GDB interface are automatically working with J-Link / J-Trace. For a list of tested IDEs, including getting started instructions, please refer to the SEGGER homepage.

1.1.4 Troubleshooting

If you have questions or if you encounter issues, we recommend to check out our Wiki first:

- Troubleshooting guide - Related to issues between PC & Probe or Probe & CPU.
- J-Trace wiki article - Information and troubleshooting related to TRACE.

If this does not help you out and your J-Link / J-Trace is still within support period (1 year), please feel free to contact our support team via our support ticket system.

Note

Please do not forget to mention the following points:

- J-Link/J-Trace serial number.
- Information about your target hardware (processor, board, etc.).
- A detailed description of the problem.
- Screenshots of all warnings/errors.
- Output of the J-Link Commander if available.
- Your findings of the signal analysis.

1.1.5 Other products of interest

SEGGER provides additional tools (soft- and hardware) to support the user for debugging and production purposes. This chapter provides a small overview of the products that are connected to the J-Link / J-Trace and its software in the closest way.

- SEGGER Embedded Studio - SEGGERs IDE solution.
- SEGGER Ozone - SEGGERs debugger solution. Ideal for usage with J-Trace.
- SEGGER SystemView - SEGGERs code instrumentation tool.

For an overview of all SEGGER products, please refer to the SEGGER homepage.