J-Link / J-Trace Getting started

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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

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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 marked. 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*.

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