



Category:Android tracing tools

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A quality version of this page, approved on *17 June 2020*, was based off this revision.

This category groups together all articles related to the **Android™ tracing** tools that allow to get dynamic logs about the kernel frameworks and Android framework.



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## Pages in category "Android tracing tools"

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This category contains only the following page.

- [Perfetto](#)

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A quality version of this page, approved on 23 June 2020, was based off this revision.

This article provides the basic information required to start using the **perfetto** <sup>[1]</sup> Android™ tool.



## 1 Introduction

The following table provides a brief description of the tool, as well as its availability depending on the software packages:

✔: this tool is either present (ready to use or to be activated), or can be integrated and activated on the software package.

✘: this tool is not present and cannot be integrated, or it is present but cannot be activated on the software package.

Tool			STM32MPU Embedded Software distribution			STM32MPU Embedded Software distribution for Android™		
Name	Category	Purpose	Starter Package	Developer Package	Distribution Package	Starter Package	Developer Package	Distribution Package
perpetto	Tracing tools	<p>perpetto<sup>[1]</sup> is a performance instrumentation and tracing tool for Android™.</p> <ul style="list-style-type: none"> <li>• Open-source project for platform tracing</li> <li>• Trace processing and analysis</li> <li>• Web-based trace viewer UI</li> </ul>	✘	✘	✘	✔*	✔*	✔



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## 2 Getting started with perfetto

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Perfetto instructions can be generated using the recording tool<sup>[2]</sup>.

- Create record settings required
- Copy generated instructions
- Execute the copied instructions on a opened terminal with the device connected through USB, having ADB installed.

At the end of the trace execution, you can get back the trace:

```
adb pull /data/misc/perfetto-traces/trace
```

From this stage you can directly open the trace through the web viewer<sup>[3]</sup>.



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### 3 References

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- 1.01.1 <https://perfetto.dev/>
- <https://ui.perfetto.dev/#!/record>
- <https://ui.perfetto.dev>

User Interface