

## ASAP2 Toolkit

### What's new in 23.2.R0?



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# 1 ASAP2 Toolkit: Purpose and scope

This document describes the improvements and changes of the current ASAP2 Toolkit version compared to the previous versions.

## 2 ASAP2 Toolkit - What's new Info

### 2.1 Version 23.2.R0

#### 2.1.1 New Features, Major Improvements

Key	What's New In A2tk
<a href="#">ADDS-21604</a>	<p><b>ImpMAP</b></p> <p>New filter (experimental) that uses linker generated *.map files to import addresses in addition to the ImpELF filter. Using the ImpELF filter is still preferred, because the format of *.map files is not specified in contrast to the *.elf format and therefore dependent on the used compiler.</p>
<a href="#">ADDS-21078</a>	<p><b>Seml</b></p> <p>Removed the occurrences of MS-Windows usernames in project-lock-files and *.log files generated by Asap2Toolkit.</p>
<a href="#">2 issues</a>	

#### 2.1.2 Minor Improvements, Correction of Bugs

Key	What's New In A2tk
<a href="#">ADDS-22055</a>	<p><b>ExpA2</b></p> <p>Option description for Asap2Version "1.6" in the documentation was wrong and has been corrected.</p>
<a href="#">ADDS-21927</a>	<p><b>ImpELF</b></p> <p>The ImpELF address import did not entirely treat structs with the attribute "packed" correctly. Especially, when the struct-type contains array elements, the addresses of those array-elements were not calculated e.g.</p> <pre> struct __attribute__((packed)) A {     char c;     long l;     short x[4];     int i; }; </pre> <p>Now, the ImpELF considers the DWARF symbol "DW_TAG_packed_type" correctly to calculate the addresses of packed-structs and its struct-members correctly.</p>

2 issues

## 3 ASAP2 Toolkit - What's new Appendix

### 3.1 No longer supported features

Key	What's New In A2tk
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No issues found

### 3.2 Questions?

If you have any questions about this release, please contact the Visu-IT! Hotline:

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**ASAP2 Toolkit Product Page**

Internet: [visu-it.de/products/asap2-toolkit/](https://visu-it.de/products/asap2-toolkit/)