

Stack Calculator

Release Notes

Version/Revision

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StackCalculator

Release Notes



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1 Introduction

1.1 Scope

This document contains the release notes for the tool "StackCalculator", called "tool" within this document starting from the first release (Version 1.0).

1.2 Definitions, Acronyms, and Abbreviations

| | |
|-----|------------------|
| GHS | Green Hills Inc. |
|-----|------------------|

Table 1: Abbreviations

2 System requirements

The following section lists the system requirements for the tool.

- A modern, x86 processor
- Any of the following OS
 - Windows 7 (64-bit)
 - Windows8 64bit
 - Windows8.1 64Bit
 - Windows10 64bit
 - Windows 2008R2 Server 64Bit
 - Windows 2012 Server 64bit
- Java Runtime Environment (1.7.x or 1.8.x recommended)
- 4 GB of RAM (8 GB is recommended)
- 10 MB of free disk space (Solid State Disk recommended)

3 Product compatibility

The StackCalculator is officially supported with Greenhills gstack.exe shipped with the following compiler versions:

- GHS Multi, Version 2014.5.5 for Renesas V800/850
- GHS Multi, Version 2015.1.7 for Renesas V800/850



4 Release Notes

4.0.1 Known bugs

No bugs currently known for the tool.

4.0.2 Known limitations

No limitations currently known for the tool.

4.1 Modifications / new features on Version 1.3.0

| ALM Item | Description | Category |
|----------|---|-------------|
| 148247 | Add debug option | Enhancement |
| 148341 | Change behaviour for unresolved functions | Enhancement |
| 150272 | Adapt process scanning to be able to detect processes with the address-operator & | Enhancement |
| 137437 | Fix for "StackCalculator output file not always created" | Defect Fix |
| 136863 | Change detection of process table | Enhancement |
| 155351 | Fix for "Not all symbol table entries are detected" | Defect Fix |

4.2 Modifications / new features on Version 1.2.0

| ALM Item | Description | Category |
|----------|---|-------------|
| 121333 | Entries in log file sorted by name | Enhancement |
| 121119 | Added support for --help | Enhancement |
| 141949 | Fixed handling of symbols not of type "func". | Bug |

4.3 Modifications / new features on Version 1.1.2

| ALM Item | Description | Category |
|----------|---|-------------|
| 114990 | Improvement of StackCalculator output | Enhancement |
| 114984 | StackCalculator running into endless loop | Bug |
| 120030 | Improve function pointer detection | Bug |

4.4 Modifications / new features on Version 1.1

| ALM Item | Description | Category |
|----------|--|-------------|
| 111412 | Handle exception if no function with function pointer is included in project | Bug |
| 111519 | Added additional option for storage location of temporary options file | Enhancement |
| 111351 | Added information in User Guide on parsed elements in scheduling file | Enhancement |
| 111153 | Changed default path for temporary options file | Enhancement |



4.5 Modifications / new features on Version 1.0

First released version of the tool, therefore no new features or modifications.