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**How Ram rom analyzer works**

OBJECT

This document describes how to use RAM ROM analyzer script.

SUMMARY

/

CONCLUSION

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|  |  |  |
| --- | --- | --- |
| STATUS: | For comments | ✓ |
|  | For application |  |

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| --- | --- | --- |
| Established by | Reviewed by | Approved by |
| Name: Gustescu Mihai Emilian  Date: 13.09.2022  Visa: | Name:  Date:  Visa: | Name:  Date:  Visa: |

The present document contains **4 pages**.

# EVOLUTION OF THE DOCUMENT

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| --- | --- | --- | --- | --- |
| **Issue** | **Date** | **Author** | **Rev.** | **Motive and nature of the modifications** |
| ?????? | 13.09.2022 | Gustescu Mihai Emilian | 1.1 | First Edition |
| ?????? | 16.05.2025 | Dimanescu Roxana Georgiana | 1.3 | Add yaml config file and modified information about how script run |
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# RELEVANT DOCUMENTS

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| **N°** | **Title** | **Reference** |
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# GLOSSARY OF TERMS / EXPRESSIONS

|  |  |
| --- | --- |
| ***Term*** | ***Definition*** |
| ***YAML*** | *Yaml File ( Windows yaml file extension)* |
|  |  |

# HOW THE SCRIPT WORKS

The main purpose of this script is to generate a new Excel file (ram\_rom\_analyzer.xlsx) with all data about the ROM and RAM consumption for the files in the Application, Bootloader and Bootmanager folders.

To generate the Excel file with all data you need to have the excutable file (ram\_rom\_analyzer.exe) and the yaml file (ram\_rom\_analyzer\_config.yaml) in the Executable folder. The yaml file need to have this name ram\_rom\_analyzer\_config.yaml for script to work. To generate reports file you need to:

1. In the ram\_rom\_analyzer.yaml you need to change the variable (path\_project) with the local path of your project.
2. Run the executable file (ram\_rom\_analyzer.exe).
3. In the Outputs folder will be the Excel after you run the exe file.