



CVE-2017-1000172

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Gravity](#) from [Creolabs](#) contain the following vulnerability:

Creolabs Gravity Version: 1.0 Use-After-Free Possible code execution. An example of a Heap-Use-After-Free after the 'sublexer' pointer has been freed. Line 542 of gravity_lexer.c. 'lexer' is being used to access a variable but 'lexer' has already been freed, creating a Heap Use-After-Free condition.

CVE-2017-1000172 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Heap Double Free / Use-After-Free · Issue #144 · marcobambini/gravity · GitHub	Exploit Third Party Advisory github.com	MISC github.com/marcobambini/gravity/issues/144

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Creolabs	Gravity	1.0	All	All	All
Application	Creolabs	Gravity	1.0	All	All	All
cpe:2.3:a:creolabs:gravity:1.0:*:*:*:*:*:						
cpe:2.3:a:creolabs:gravity:1.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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