



# CVE-2021-44684

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## CVE-2021-44684

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

Certain versions of [Github-todos](#) from [Github-todos Project](#) contain the following vulnerability:

naholyr github-todos 3.1.0 is vulnerable to command injection. The range argument for the `_hook` subcommand is concatenated without any validation, and is directly used by the `exec` function.

CVE-2021-44684 has been assigned by [M](#) [cve@mitre.org](mailto: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    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **7.5 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                                                                                   | Tags                                                    | Link                                                           |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------|
| Trying to get in touch regarding a security issue · Issue #34 · naholyr/github-todos · GitHub | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/naholyr/github-todos/issues/34</a> |
| OS Command Injection in github-todos · Issue #5 · dwisiswant0/advisory · GitHub               | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/dwisiswant0/advisory/issues/5</a>  |

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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                                            | <a href="#">Github-todos Project</a> | <a href="#">Github-todos</a> | All     | All    | All     | All      |
| cpe:2.3:a:github-todos_project:github-todos:*:*:*:*:*: |                                      |                              |         |        |         |          |

No vendor comments have been submitted for this CVE

Social Mentions

| Source                                                                                          | Title                                                                                                                                                               | Posted (UTC)        |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @CVEreport     | CVE-2021-44684 : naholr github-todos 3.1.0 is vulnerable to command injection. The range argument for the _hook su... <a href="#">twitter.com/i/web/status/1...</a> | 2021-12-07 00:05:40 |
|  @Robo_Alerts | Potentially Critical CVE Detected! CVE-2021-44684 Description: naholr github-todos 3.1.0 is vulnerable to command... <a href="#">twitter.com/i/web/status/1...</a>  | 2021-12-07 01:00:38 |
|  /r/netcve    | <a href="#">CVE-2021-44684</a>                                                                                                                                      | 2021-12-07 00:38:04 |

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