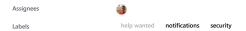
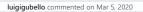


New issue

Javascript injection via notification messages #7283







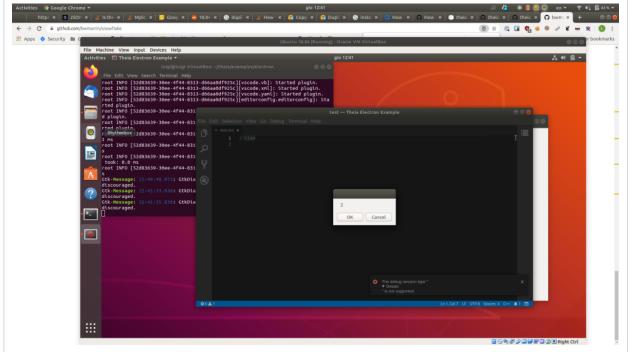
#### Description

In the notification messages there is no an HTML escaping, so Javascript code can run. I'm not sure, but I think the issue is in packages/messages/src/browser/notification-component.tsx:76

In Electron app an arbitrary JS code can lead to dangerous exploits.

#### **Reproduction Steps**

- Create a new project and create a new debugger configuration file launch.json
- $\bullet \quad \text{In the } \ \, \text{type } \ \, \text{field write the Javascript payload (e.g. } \ \, \text{details open ontoggle=confirm(2)>)}$
- Press F5 to launch the debugger and see the alert box



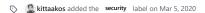
# OS and Theia version:

- Ubuntu 18.04
- Theia Electron Example 0.16.0

I think this bug is a vulnerability, I can exfiltrate data from victim's computer by using JS. Here a proof-of-concept video.

### Theia\_PoC.zip







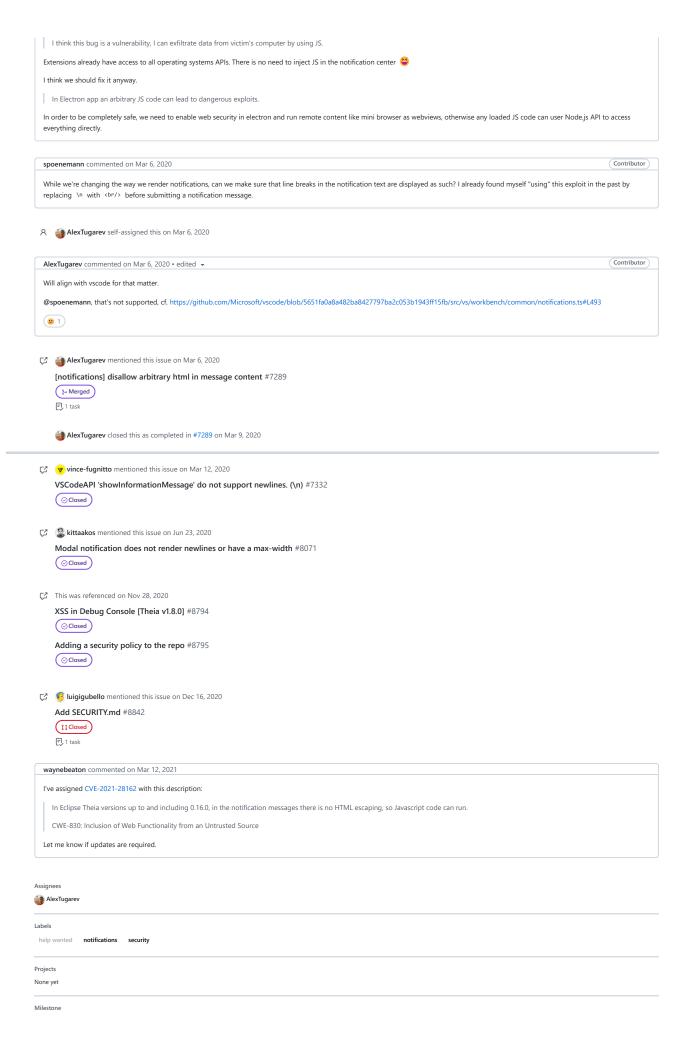
akosyakov commented on Mar 5, 2020

cc @AlexTugarev

akosyakov commented on Mar 5, 2020

Member

Jump to bottom



No milestone

### Development

Successfully merging a pull request may close this issue.

[notifications] disallow arbitrary html in message content eclipse-theia/theia

# 6 participants

