# Contributing Guidelines

\* All text must be within 80 columns.

\* YAML must be indented by 2 spaces.

\* Have any questions? Feel free to open an issue.

\* Prior to submitting a pull request, run the tests:

```

bundle install

bundle exec rspec

```

\* Follow the schema. Here is an example advisory:

```yaml

---

gem: examplegem

cve: 2013-0156

date: 2013-05-01

url: https://github.com/rubysec/ruby-advisory-db/issues/123456

title: |

Ruby on Rails params\_parser.rb Action Pack Type Casting Parameter Parsing

Remote Code Execution

description: |

Ruby on Rails contains a flaw in params\_parser.rb of the Action Pack.

The issue is triggered when a type casting error occurs during the parsing

of parameters. This may allow a remote attacker to potentially execute

arbitrary code.

cvss\_v2: 10.0

cvss\_v3: 9.8

patched\_versions:

- ~> 2.3.15

- ~> 3.0.19

- ~> 3.1.10

- ">= 3.2.11"

unaffected\_versions:

- ~> 2.4.3

related:

cve:

- 2013-1234567

- 2013-1234568

url:

- https://github.com/rubysec/ruby-advisory-db/issues/123457

```

### Schema

\* `gem` \[String\] (required): Name of the affected gem.

\* `framework` \[String\] (optional): Name of the framework which the affected gem belongs to.

\* `platform` \[String\] (optional): If this vulnerability is platform-specific, name of platform this vulnerability affects (e.g. jruby)

\* `cve` \[String\] (optional): Common Vulnerabilities and Exposures (CVE) ID.

\* `osvdb` \[Integer\] (optional): Open Sourced Vulnerability Database (OSVDB) ID.

\* `ghsa` \[String\] (optional): GitHub Security Advisory (GHSA) ID.

\* `url` \[String\] (required): The URL to the full advisory.

\* `title` \[String\] (required): The title of the advisory or individual vulnerability.

\* `date` \[Date\] (required): The public disclosure date of the advisory.

\* `description` \[String\] (required): One or more paragraphs describing the vulnerability.

\* `cvss\_v2` \[Float\] (optional): The [CVSSv2] score for the vulnerability.

\* `cvss\_v3` \[Float\] (optional): The [CVSSv3] score for the vulnerability.

\* `unaffected\_versions` \[Array\<String\>\] (optional): The version requirements for the

unaffected versions of the Ruby library.

\* `patched\_versions` \[Array\<String\>\] (optional): The version requirements for the

patched versions of the Ruby library.

\* `related` \[Hash\<Array\<String\>\>\] (optional): Sometimes an advisory references many urls and cves. Supported keys: `cve` and `url`

[CVSSv2]: https://www.first.org/cvss/v2/guide

[CVSSv3]: https://www.first.org/cvss/user-guide