

SpotBugs

Práticas e reflexões sobre contribuição em FLOSS

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Quais as principais características do projeto
OSS escolhido?

- Realiza a análise estática para identificar bugs em códigos Java.
- Links:
 - Repo: <https://github.com/spotbugs/spotbugs/>
 - Website: <https://spotbugs.github.io/>
 - User doc: <https://spotbugs.readthedocs.io/en/latest/>

Motivação para a seleção do projeto

- Tecnologias utilizadas:
 - Desenvolvido na linguagem Java.
 - Uso da biblioteca Java Parser para realizar a análise estática.
- Suporte a newcomers:
 - O repositório possui issues com label “good first issue”.
 - Hacktoberfest

Reconhecimento técnico

Há quanto tempo o projeto existe?

- Migração do projeto FindBugs 3.0.1 para o SpotBugs 3.1.0.
- FindBugs:
 - Criado em Março de 2003 e arquivado em Março de 2015
 - Repo: <https://sourceforge.net/projects/findbugs>
- SpotBugs:
 - Criado em Junho de 2014 e continua ativo.

Qual a licença do projeto?

- FindBugs e SpotBugs utilizam a licença LGPL-2.1.
- Para outros artefatos (e.g., imagens), os projetos utilizam a licença CC BY-NC-SA.

Qual o tamanho do projeto?

- Qtde de linhas: 188576
- Qtde de classes: 4565
- Qtde de contribuidores: 116
- Qtde de forks: 405
- Qtde de estrelas: 2.5K

Versão	# Classes	# Linhas	# Métodos
1.3.9	3713	148677	14642
2.0.0	4478	201910	19742
3.0.1	4842	224727	20512
3.1.0	4465	186344	17548
4.3.0	4548	187723	17793
4.4.1	4565	188576	17858

Documentação do projeto

Quais os tipos de documentação existentes?

- Usuário:
 - <https://spotbugs.readthedocs.io/en/stable/>
- Contribuidores:
 - <https://github.com/spotbugs/spotbugs/tree/master/.github>

Como contribuir com a documentação do projeto?

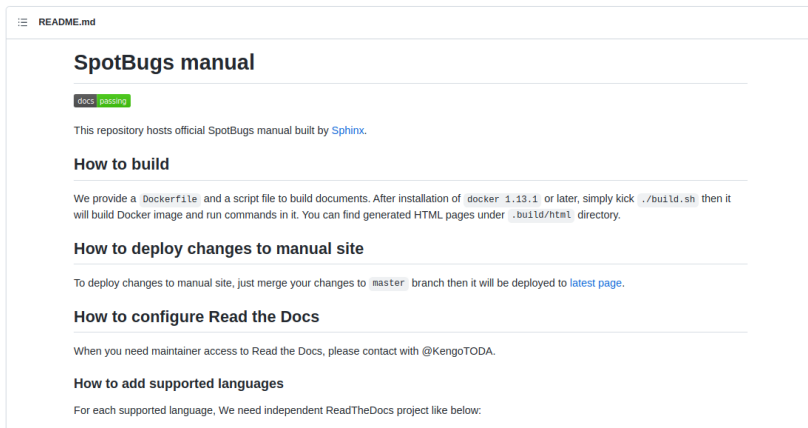


Figure 1: Guidelines para contribuir com a documentação

Document how to integrate Flnd Security Bugs + FB-Contrib into Maven & Gradle plugins #540

[New issue](#)

jacek99 opened this issue on 19 Jan 2018 · 8 comments



jacek99 commented on 19 Jan 2018



The front page states we can integrate the find-security-bugs & fb-contrib, but there is zero docs on how to actually do this from the Maven & Gradle plugins.

Pls document, especially the find-security-bugs since it's critical as a SAST tool.

Assignees

No one assigned

Labels

documentation

good first issue



luana-martins commented on 18 Oct

Contributor



Hi, I would like to contribute to the project. Is this issue still open? Let me know if I can help. Thanks!



ThrawnCA commented on 18 Oct

Contributor



Well, <https://spotbugs.readthedocs.io/en/latest/maven.html#add-spotbugs-maven-plugin-to-your-pom-xml> doesn't say anything about how to configure plugins, although @iloveeclipse was correct in saying it doesn't take very much configuration. So yes, it's still open.



KengoTODA commented 21 days ago

Member



#1758 closed this issue.

Figure 2: Guidelines para contribuir com a documentação¹


¹PR: <https://github.com/spotbugs/spotbugs/pull/1758>


Internacionalização do projeto

O projeto está preparado para a internacionalização?

- Há partes do projeto preparadas para tradução (“internationalization” - I18N)?
 - Documentação do usuário ReadTheDocs - Inglês e Japonês
- Há uma equipe fazendo tradução para Português do Brasil (pt-br)?
 - Sim. Sempre que surgir alguma modificação na documentação, serei marcada.

Translation of SpotBugs manual #1786

 **luana-martins** on 1 Nov · 1 answer

 **KengoTODA** on 1 Nov Maintainer

Thanks for your contribution, @luana-martins ! 🙌

I've created a ReadTheDocs project [spotbugs-pt-br](#), and added it as a [translation for spotbugs](#). I'll fix when I found more TODOs to support a new translation.

I have a request: when you submit a PR, please update the following part in `docs/build.sh` to build `.po` files even for Brazilian Portuguese:

```
spotbugs/docs/build.sh
Lines 9 to 10 in 636799d
```

```
9 # build .po files by new .pot files
10 docker run -it -v $(pwd)/../docs spotbugs-sphinx sphinx-intl update -p .build/locale -l ja
```

It helps us to keep `.po` files updated. Thanks in advance!

Note: Settings of the spotbugs-pt-br project

✓ Answered by KengoTODA [Return to top](#)

You're receiving notifications because you were mentioned.

→ [Transfer discussion](#)

🕒 [Create issue from discussion](#)

Events

✓ **luana-martins** Marked an Answer 25d

Figure 3: Criação de um ReadTheDocs independente²

²Discussão: <https://github.com/spotbugs/spotbugs/discussions/1786>

Add RTD translation to Brazilian Portuguese (PT-BR) #1796

Merged KengoTODA merged 25 commits into `spotbugs:master` from `luana-martins:master` 22 days ago

Conversation 6

Commits 25

Checks 3

Files changed 22

+16,608 -9



luana-martins commented 27 days ago

Contributor

Add RTD translation to Brazilian Portuguese (PT-BR).
I'm still working on the translation of detectors.po and bugDescriptions.po.

Make sure these boxes are checked before submitting your PR -- thank you!

☒ Added an entry into `CHANGELOG.md` if you have changed SpotBugs code



luana-martins and others added 21 commits last month



luana-martins Create po files

b7edcc9

Reviewers

KengoTODA ✓

Assignees

No one assigned

Labels

None yet

Projects

None yet



KengoTODA commented 22 days ago

Member

@**luana-martins** Thanks for your contribution! We are going to release this document in the coming 4.5.0 release.

Probably I will mention you when we got some issues reported about this translation, please help me if possible.

Figure 4: Tradução de arquivos³

³<https://github.com/spotbugs/spotbugs/pull/1796>

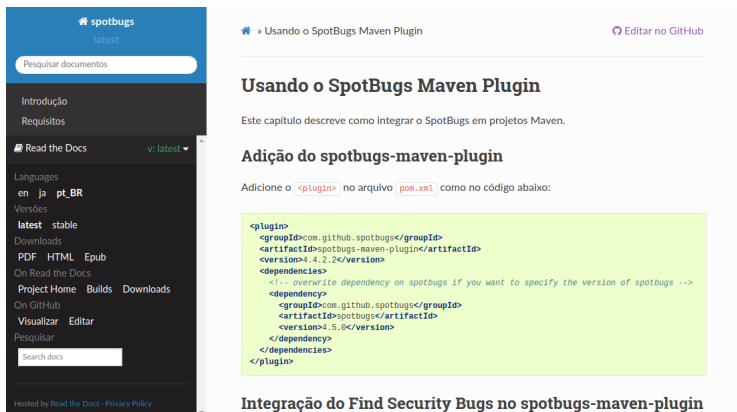


Figure 5: Criação de um ReadTheDocs independente⁴

⁴RTD [PT-BR]: https://spotbugs.readthedocs.io/pt_BR/latest/maven.html

Issue tracker

Como seu projeto utiliza “issue tracker”?

- Qual a ferramenta de issue tracker usada em seu projeto?
 - As issues ficam no repositório do SpotBugs no GitHub.
- Qual o número de issues:
 - Total: 810
 - Abertas: 393
 - Resolvidas: 417
- Em 2021:
 - Total: 24
 - Abertas: 14
 - Resolvidas: 10

Valeu a pena?