

Github vs Bitbucket

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GitHub

- Tom Preston-Werner, Chris Wanstrath i PJ Hyett su ga objavili u travnju 2008. godine
- web-baziran je Git servis za kontrolu verzija
- koriste ga programeri u različite svrhe

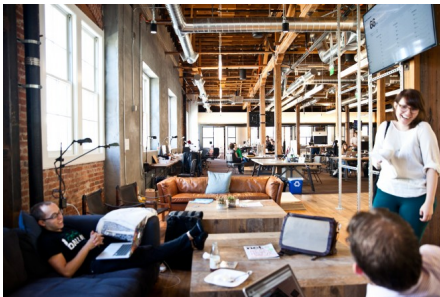


Slika: Logo GitHub-a



GitHub

- najveći je domaćin izvornog koda u svijetu premašujući 20 milijuna korisnika i 57 milijuna repozitorija
- vrijedi preko 2 milijarde USD



Slika: Sjedište GitHub-a



Bitbucket

- osnovao ga je Jesper Nohr 2008. godine, a kasnije ga kupuje Atlassian
- web-baziran je Git i Mercurial servis za kontrolu verzija
- koristi se poput GitHub-a

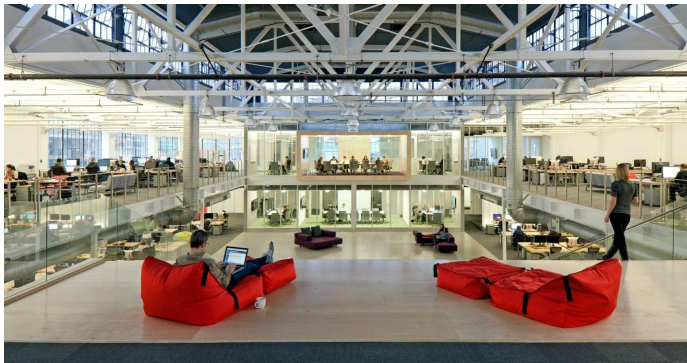


Slika: Logo Bitbucket-a



Bitbucket

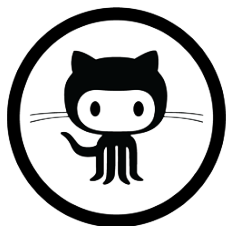
- ima 5 milijuna korisnika
- vrijedi 160 milijuna USD



Slika: Sjedište Atlassian-a




GitHub vs Bitbucket




VS




Dizajn (GitHub)



[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)







Lotovic

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Overview


Repositories **2**

Stars **0**

Followers **0**

Following **0**

Popular repositories

[RV_seminar](#)
Seminar iz RV.


[rv2](#)
Forked from kritelj/rv2
Probni repozitorij za vježbe iz RV - grupa 2


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19 contributions in the last year

Contribution settings ▾

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mon												■
Wed												■
Fri												■

[Learn how we count contributions.](#)

Less  More



Dizajn (Bitbucket)

The screenshot displays the Bitbucket web interface for the repository 'dans.git.bitbucket.org'. The left sidebar contains navigation links: Overview, Source, Commits, Branches, Pull requests (selected), Pipelines, Issues, Wiki, Downloads, and Settings. Below these are links to 'Give feedback' and 'Turn off new nav'. The main content area shows the 'Pull requests' section for 'Daniel Stevens / dans.git.bitbucket.org'. It includes a 'Create a pull request' form with fields for 'From' (dstevenstest / dans.git.bitbucket.org, branch test-1) and 'To' (tutorials/tutorials.git.bitbucket.org, branch master). The form also has a 'Title' field (added a new quote), a 'Description' field with a rich text editor, and a 'Reviewers' field. Below the form is a 'Close branch' section with a checkbox to 'Close test-1 after the pull request is merged' and a 'Create pull request' button. At the bottom, there is a table of pull requests with columns 'Author', 'Commit', and 'Message'.

Navigation links in the sidebar:

- Overview
- Source
- Commits
- Branches
- Pull requests**
- Pipelines
- Issues
- Wiki
- Downloads
- Settings

SHARE YOUR THOUGHTS

- Give feedback
- Turn off new nav

Repository: dans.git.bitbucket.org

Section: Pull requests

Create a pull request

From: dstevenstest / dans.git.bitbucket.org
Created 20 hours ago, updated 20 hours ago
Branch: test-1

To: tutorials/tutorials.git.bitbucket.org
Branch: master

Title: added a new quote

Description: [Rich text editor with bold, italic, link, and other formatting options]

Reviewers: Start typing to search for a user










Close branch: ☐ Close test-1 after the pull request is merged

Create pull request

Author	Commit	Message
Daniel Stevens	063b772	added a new quote

Cijene usluga (GitHub)

- s besplatnom verzijom dobivamo javni repozitorij s beskonačno članova
- ako dodatno platimo dobivamo razne mogućnosti

10 Repositories	9 USD /month	 Try free for 14 days
30 Repositories	18 USD /month	 Try free for 14 days
75 Repositories	36 USD /month	 Try free for 14 days
150 Repositories	70 USD /month	 Try free for 14 days
300 Repositories	120 USD /month	 Try free for 14 days
600 Repositories	200 USD /month	 On request
900 Repositories	300 USD /month	 On request
1200 Repositories	400 USD /month	 On request
1200+ Repositories	On request	 On request



Cijene usluga (Bitbucketa)

- s besplatnom verzijom dobijemo javne i privatne repozitorije s najviše 5 članova
- dostupne su nam 3 verzije Bitbucketa:

Free for small teams	Standard for growing teams	Premium for large teams
\$0	\$2	\$5
/ user / month	/ user / month	/ user / month
Free for up to 5 users	Starts at \$10 /month	Starts at \$25 /month
<ul style="list-style-type: none">✓ Unlimited private repos✓ JIRA Software integration✓ Projects✓ Pipelines <p><i>Unlimited users</i></p> <p><i>Required merge checks</i></p> <p><i>IP Whitelisting</i></p> <p><i>Required two-step verification</i></p> <p><i>Smart Mirroring</i></p> <p><i>Included with your account:</i></p> <p><i>*Build minutes: 50 mins/mo</i></p>	<ul style="list-style-type: none">✓ Unlimited private repos✓ JIRA Software integration✓ Projects✓ Pipelines✓ Unlimited users <p><i>Required merge checks</i></p> <p><i>IP Whitelisting</i></p> <p><i>Required two-step verification</i></p> <p><i>Smart Mirroring</i></p> <p><i>Included with your account:</i></p> <p><i>*Build minutes: 500 mins/mo</i></p>	<ul style="list-style-type: none">✓ Unlimited private repos✓ JIRA Software integration✓ Projects✓ Pipelines✓ Unlimited users✓ Required merge checks✓ IP Whitelisting✓ Required two-step verification✓ Smart Mirroring <p><i>Included with your account:</i></p> <p><i>*Build minutes: 1000 mins/mo</i></p>



Usporedba

- kod GitHub-a dobijemo beskonačni broj korisnika
- ako koristimo besplatnu verziju dobijemo samo javne repozitorije, a ako hoćemo privatne onda moramo platiti
- cijena raste ovisno o broju repozitorija
- kod Bitbucket-a dobijemo uvijek beskonačno javnih i privatnih repozitorija
- plaća se po svakom korisniku, a cijena se snižava s vremenom



Usporedba

- ako imamo puno korisnika, a mali broj repozitorija onda se više isplati koristiti GitHub
- ako imamo puno repozitorija, a mali broj korisnika onda se više isplati koristiti Bitbucket
- ako imamo puno korisnika i repozitorija onda nam se vjerojatno više isplati koristiti GitHub (ovisno o ugovoru)



Verzije GitHub-a

- GitHub Enterprise - za velike projekte
- GitHub - za prosječne veličine projekata
- Gists - za više manjih projekata (programčića)



Obrazovni program

- GitHub Student Developer Pack
- kako bi se studentima omogućio besplatan pristup popularnim razvojnim alatima i uslugama



Ukratko (prednosti GitHub-a)

- Neograničen broj korisnika u projektu
- Više različitih ponuda i verzija
- Mogućnost dogovora određene firme i GitHub-a u vezi cijene (1200+ repozitorija)
- Studentski obrazovni program



Ukratko (prednosti Bitbucket-a)

- Neograničen broj repozitorija
- Podržava i Mercurial i Git
- Cijene se snižavaju s vremenom
- Manji izbor paketa, ali s velikim rasponom mogućnosti



Literatura

- [1] <https://github.com>.
- [2] <https://bitbucket.com>.
- [3] <https://www.upguard.com/articles/github-vs-bitbucket>.
- [4] <https://gist.github.com/foogit/8410710>.
- [5] <https://blog.takipi.com/bitbucket-vs-github-its-more-than-just-features/>.
- [6] <https://en.wikipedia.org/wiki/Bitbucket>.
- [7] <https://en.wikipedia.org/wiki/GitHub>.
- [8] <https://www.worthofweb.com/>.

