

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

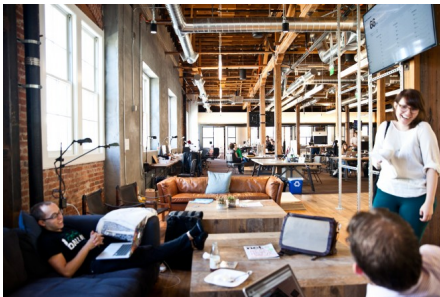


Slika: Logo GitHub-a



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

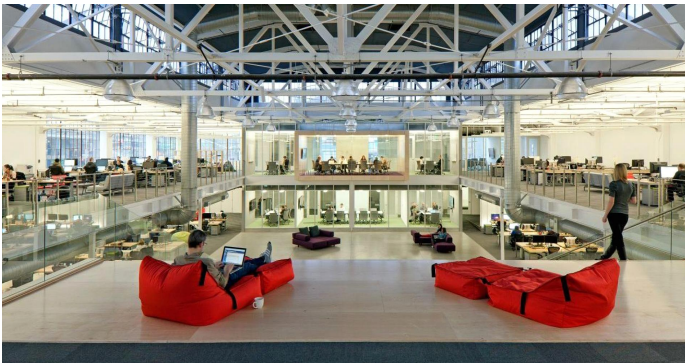


Slika: Logo Bitbucket-a



Bitbucket

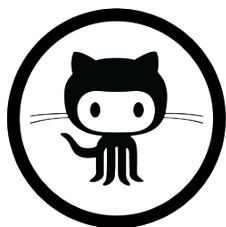
- ima 5 milijuna korisnika
- vrijedi 160 milijuna USD



Slika: Sjedište Atlassian-a




GitHub vs Bitbucket




VS




Dizajn (GitHub)



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Lotovic

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 TeX

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Forked from kritelj/rv2


Probni repozitorij za vježbe iz RV - grupa 2



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 a repository named 'dans.git.bitbucket.org'. The left sidebar contains navigation links: Overview, Source, Commits, Branches, Pull requests (highlighted), Pipelines, Issues, Wiki, Downloads, and Settings. Below these is a section 'SHARE YOUR THOUGHTS' with links to 'Give feedback' and 'Turn off new nav'. The main content area is titled 'Pull requests' and shows a 'Create a pull request' form. The form is for a pull request from 'dstevenstest / dans.git.bitbucket.org' (branch 'test-1') to 'tutorials/tutorials.git.bitbucket.org' (branch 'master'). The title is 'added a new quote'. The description field is empty, with a rich text editor toolbar above it. Below the description is a 'Reviewers' section with a search bar. At the bottom of the form is a 'Create pull request' button. Below the form, there are tabs for 'Diff' and 'Commits'. The 'Commits' tab is active, showing a table with columns 'Author', 'Commit', and 'Message'. The table contains one row: Daniel Stevens, 063b772, added a new quote. In the bottom right corner, there are icons for GitHub, Bitbucket, and a user profile icon.

Navigation sidebar (left):

- 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

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 toolbar]

Reviewers: Start typing to search for a user

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










Create pull request

Diff | Commits

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/>.

