LEARNING

bitbucket

#bitbucket

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About

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Chapter 1: Getting started with bitbucket

Remarks

This section provides an overview of what bitbucket is, and why a developer might want to use it.

It should also mention any large subjects within bitbucket, and link out to the related topics. Since the Documentation for bitbucket is new, you may need to create initial versions of those related topics.

Examples

Getting started with Bitbucket - Create an account

Create an account

1. Go to https://bitbucket.org/
2. Click on *Get Started* on the top right corner
3. Enter your email address, and click continue
4. Enter your full name, password and verification code. Then click *Continue*
5. An email will be sent to you to verify that you created your account

After that you have now an account on Bitbucket and you can login to it

Read Getting started with bitbucket online: https://riptutorial.com/bitbucket/topic/7618/getting-started-with-bitbucket

Chapter 2: Add collaborators to a repository

Examples

How to add users and groups to an existing Bitbucket repository

1. Go to the Bitbucket repository you want to add users to.
2. On the left, go to **Settings** (the last icon on the bottom left).
3. Select **Users and group access**.
4. Under *Users*, start typing the name or email address of the user whom you want to add.
5. Select the privilege you want to grant that user (**Read**, **Write** or **Admin**).
6. Click **Add**.

Follow the same basic procedure to add a group instead of a user.

Now you have added more collaborators to your repository.

Read Add collaborators to a repository online: https://riptutorial.com/bitbucket/topic/8102/add-collaborators-to-a-repository

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Chapter 3: Add comments to commits in Bitbucket

Examples

Adding comment to a commit in Bitbucket

1. Go to the repository, e.g.: https://bitbucket.org/username/repo_name/
2. On the left menu, choose commits
3. Select the commit you want to add comments to
4. On the selected files related to that commit, click on the small + sign appearing near the line numbers
5. A small window will appear to enter the text
6. Click *comment*

Read Add comments to commits in Bitbucket online:
https://riptutorial.com/bitbucket/topic/8130/add-comments-to-commits-in-bitbucket

Chapter 4: Branching in Bitbucket

Examples
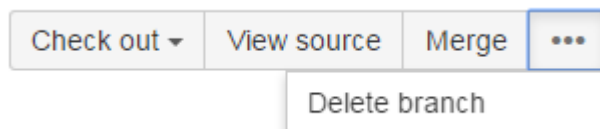
Creating a branch in Bitbucket

1. Go to the repository, e.g.: https://bitbucket.org/username/repo_name/
2. On the left menu, choose branches
3. On the right side of the branches page, select Create branch
4. A popup window will appear, select *Branch from* and enter the new branch you want to create in the *Branch name* textbox
5. Click *create*

A new branch will be created

Delete a branch in Bitbucket

1. Go to the repository, e.g.:https://bitbucket.org/username/repo_name/
2. On the left menu, choose branches
3. Select the branch you want to delete from the branches page
4. Click on ... at the top right of the page, then click Delete branch
5. A confirmation popup will appear, click *Confirm*

Read Branching in Bitbucket online: https://riptutorial.com/bitbucket/topic/8131/branching-in-bitbucket

Chapter 5: Clone existing repository

Examples

Cloning a Git repository

1. Go to the repository you want to clone (something like: https://bitbucket.org/username/repo)
2. On the left side, click on ... and choose *Clone*
3. A small window will appear, copy the url (something like: git clone https://hamzawey@bitbucket.org/hamzawey/vm_dop_experiment.git)
4. Open a terminal window on the machine you want to clone that project to
5. Navigate from the command line to the location you want to clone the project and enter the command copied in **step 3**

Read Clone existing repository online: https://riptutorial.com/bitbucket/topic/8098/clone-existing-repository

Chapter 6: Create a new repository

Examples

Create a new repository on Bitbucket website

1. Go to https://bitbucket.org/dashboard/overview
2. Login to your Bitbucket account
3. Choose *repositories* from the top menu, then choose *Create Repository*
4. Choose the owner, enter the repository name and select if you want to have it public or private repository
5. Choose the repository type (Git or Mercurial)
6. Open the *advanced settings*, and enter the information that you find appropriate for your project
7. Then select *create repository*

Now you have a blank repository created for you

Read Create a new repository online: https://riptutorial.com/bitbucket/topic/8097/create-a-new-repository

Chapter 7: Create Issue in Bitbucket

Examples

Enable issue tracker in Bitbucket

1. Go to the repository you want to create issue for, something like: https://bitbucket.org/ /<repo_name>/
2. Go to setting, left bottom corner
3. Select **Issue tracker** under *Issues*
4. Select the type of the issue tracker you want to enable (no issue tracking, private or public)
5. Click save

Now the issue tracker is enabled for your repository

Read Create Issue in Bitbucket online: https://riptutorial.com/bitbucket/topic/8129/create-issue-in-bitbucket

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Chapter 8: Import repository into Bitbucket

Examples

Import existing repository to Bitbucket

1. Go to the repository you want to clone (something like: https://bitbucket.org/username/repo)
2. On the top menu, choose *Repository -> Import repository*
3. In the Old repository section, enter the source (CodePlex, Git, Google Code, Mercurial, Source Code, Subversion) and the URL
4. In the New repository section, enter the Owner, the repository name, the access level

   (note: each one of the sources in step 3 has different inputs that needs to be added, in our example, we are focusing only on Git)

Read Import repository into Bitbucket online: https://riptutorial.com/bitbucket/topic/8240/import-repository-into-bitbucket

Credits

S. No	Chapters	Contributors
1	Getting started with bitbucket	Community, Hamzawey, Jav_Rock
2	Add collaborators to a repository	freginold, Hamzawey
3	Add comments to commits in Bitbucket	Hamzawey
4	Branching in Bitbucket	Hamzawey
5	Clone existing repository	Hamzawey
6	Create a new repository	Hamzawey
7	Create Issue in Bitbucket	Hamzawey
8	Import repository into Bitbucket	Hamzawey