Tutorial 1. How to GitLab

1. Open your email and go by GitLab inviting link

Invitation to join the tbc-dotNet / Tutorials and Practices / Group 1 / Maryna
Makukhina project 🔁 Inbox ×

GitLab <gitlab@mg.gitlab.com>   5:59 PM (0 minutes ago) ☆ ↩ ⋮
to me ▾

You have been invited by Maryna Makukhina to join the tbc-dotNet / Tutorials and Practices / Group 1 / Maryna Makukhina project as
Developer.

Accept invitation or decline
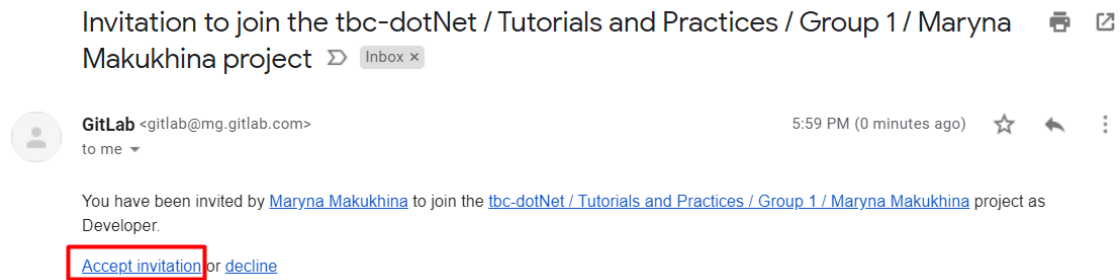
To accept this invitation, create an account (ALWAYS use your real name).

GitLab.com

GitLab.com offers free unlimited (private) repositories and unlimited
collaborators.

- Explore projects on GitLab.com (no login needed)
- More information about GitLab.com
- GitLab.com Support Forum
- GitLab Homepage

By signing up for and by signing in to this service you accept our:

- Privacy policy
- GitLab.com Terms.

| Sign in | Register |

Full name

Maryna

Username

marynamakukhina

Email

maryna.makukhina@gmail.com

Email confirmation

maryna.makukhina@gmail.com

Password

••••••••

Minimum length is 8 characters

☑ I accept the Terms of Service and Privacy Policy

☐ I'd like to receive updates via email about GitLab.

2. Manage SSH options for GitLab.

Modify the ssh config file

```
# GitLab account for Maryna Makukhina
 Host gitlab.com-marynamakukhina
 HostName gitlab.com
 User git
 IdentityFile ~/.ssh/maryna_makukhina_rsa
```

*Note: You should use your .ssh key

3. Add SSH key on GitLab

- Open https://gitlab.com/profile/keys
- Copy all content from *.pub* file and paste in `Key` text area.

SSH Keys

SSH keys allow you to establish a secure connection between your computer and GitLab.

Add an SSH key

To add an SSH key you need to [generate one](#) or use an [existing key](#).

Key

Paste your public SSH key, which is usually contained in the file '~/.ssh/id_ed25519.pub' or '~/.ssh/id_rsa.pub' and begins with 'ssh-ed25519' or 'ssh-rsa'. Don't use your private SSH key.

```
ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAAACAQCxaKwmw/hkdGgNZcjVcMjkNVWY0UGx5XJEr5t66U/k
hJxy4ooq19Ug8vztMyKkcl0sb5s6cpm8/LzTIdnyan86cMLszs/tzHSeWNeC25NCO2Hlyca1f5ynv5B
d19O7iX9PGjETGeASLCRkfEKsAPnZcq3dUOxTmb8YvYPwKXvLfcyAZc0X22vD7peJq84+ItWOUTR
NZb6wfm71Au2xFvA9EdtCuaoR8/XqTtDXZOYxJ0VMRuCgarn+vzkVv3yzvW7Jx1O6SEQbdaOKBL
ZZUgu1yisMR31Ua4Sd5QyCwcZBFT8Gl9tIv62pPl+SDzaPeN8QUI2BpOpZR+OT6jYzJigrArzNhpr
NUVEYL6ZaTlMuFhhqgcgwlc9YAOhoji4dNgo4KgYexdNWDvR/OH99Jlj193ezAXDB3n+G+KcAl9J
fk/kFc4OUbiXKjLJ1Q1h0fZA0uHx5U3uNCIKfrqEsmlr/YhwKum6xY2CuLm6G2aE8Wh2udk3VUOJ
```

Title

```
maryna_makukhina_rsa
```

Name your individual key via a title

Add key

4. Clone your repository to local machine

   ○ Open repository and get clone SSH

   ○ Create new folder **Projects** and open it using GitBash

   ○ Use Git Command with copied SSH from GitHub (do not forget to add tour user name to link)

   ```
   git clone git@gitlab.com-marynamakukhina:tbc-dotnet/tutorials-and-
   practices/group-1/maryna-makukhina.git
   ```

5. Publish your changes in GitLab repository

   ○ Pull of the latest version of `master` branch
   ○ Create a `header` branch
   ○ Switch to the `header` branch
   ○ Create folders `Practices` and `Tutorials` . Open `Tutorials` folder
   ○ Create folder `gitlab-tutorial1` and add in it file `accept.txt`

   ○ Add some changes in this file
   ○ Publish your changes.

6. Create pull request

- Open `Merge Request`

  tbc-dotNet > ⋯ > Group 1 > Test > Repository > **Branches**

  | Filter by branch name | Delete merged branches | New branch |

  Overview Active Stale All

  Protected branches can be managed in *project settings.*

  Active branches

  ⑂ **header**
  ⭘ 949c7197 · add accept file · 4 minutes ago   0|1 | Merge request | Compare | ⬇ ⌄ | 🗑 |

  ⑂ **master** default protected
  ⭘ 6634d0d8 · Initial commit · 15 minutes ago | ⬇ ⌄ | 🗑 |

- Merge branch `header` using `GitLab`

  tbc-dotNet > ⋯ > Group 1 > Test > Repository > **Branches**

  | Filter by branch name | Delete merged branches | New branch |

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  - Set your mentor in **Assignee** dropdown

7. After merging of PR, update local branches

- Pull of the latest version of `master` branch
- Delete local branch `header`
- Update information about all branches