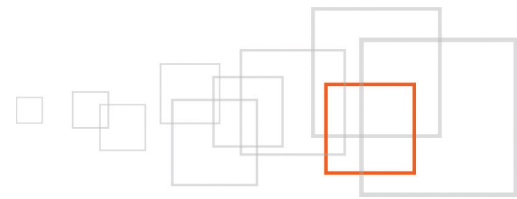


# How to use your github.com repository on the eZ Publish extension forge : projects.ez.no

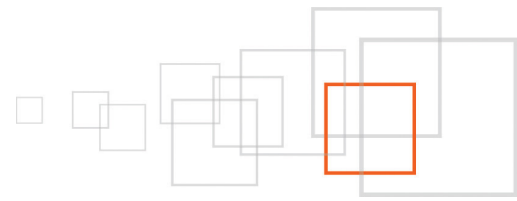
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**By Nicolas Pastorino**  
**<http://twitter.com/jeanvoye>**



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## 1 Goal description

At the end of this tutorial, you will have understood how to plug-in a github.com code repository as main code repository on the eZ Publish extension forge : [projects.ez.no](https://projects.ez.no), for new and existing projects. The forge will be importing the commit history automatically, like it was done when the supplied Subversion repository was used.

## 2 Introduction

Github.com has turned out to be one of the prominent code management tools, made famous by its social capabilities, its ease of use and its extensive, user-friendly documentation. eZ Publish itself and many of its extensions are now developed on github.com : <https://github.com/eZsystems>. A tutorial worth reading is the guide to eZ Publish contribution : <http://share.ez.no/learn/ez-publish/how-to-contribute-to-ez-publish-using-git>

We will focus on how to connect an existing github.com repository on a new or existing project on [projects.ez.no](https://projects.ez.no), and then show how this novelty is displayed on the project space.

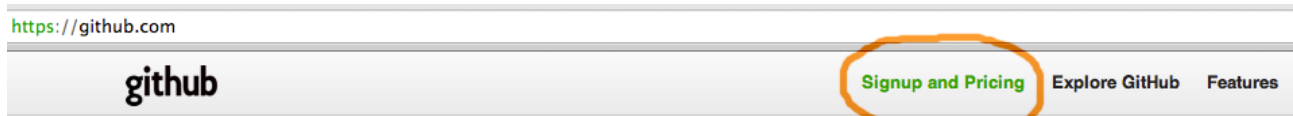
## 3 Pre-requisites and target population

This tutorial is aimed at anyone willing to start and foster collaboration, the open-source way, around an eZ Publish extension or solution, relying on github.com as code management tool.

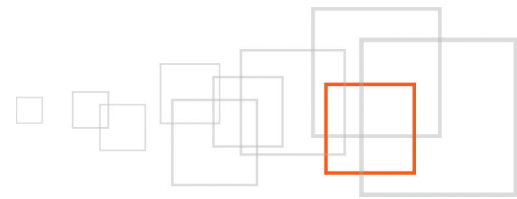
## 4 Step 1 : create a github.com account

*(if you already have one, skip to Step 2).*

This is easily fixed and FREE if you do not own one yet. Navigate to <https://github.com/>, hit the "Signup and Pricing" link at the top-right corner of the page, then the "Create a free account" near the top. Let yourself guided through.



You should end-up with something like this : <https://github.com/nfrp> as well as a local set-up allowing to manipulate your git repositories through github.com (command-line utilities, or graphical stuff). In case of issue or will to perfect your git/github.com skills, have a deep look at the excellent online help : <http://help.github.com/>



## 5 Step 2 : create a github.com code repository

(if you already have one, skip to Step 3).

In case you have not created the project repository yet, it is, again, easily fixed and FREE. Navigate to your home-page (example : <https://github.com/nfrp>) and hit the "New repository" button, by the top of the left column. Let yourself guided through.



The screenshot shows a GitHub profile for Nicolas Pastorino. On the left, there is a table of profile information:

Name	Nicolas Pastorino
Email	<a href="mailto:nfrp@ez.no">nfrp@ez.no</a>
Website/Blog	<a href="http://share.ez.no">http://share.ez.no</a>
Company	eZ Systems
Location	Lyon
Member Since	Jun 02, 2010

On the right, it shows 6 public repositories and 0 private repositories, with a note "Following 0 coders and watch". Below the profile information, there is a "Repositories (6)" section with a search bar and a "New repository" button circled in orange. A list of repositories is shown, including "ezpublish" which is a fork of "ezsystems/ezpublish". To the right, there is a "Public Activity" section showing a recent upload of a file to the "ezpublish\_com" repository.

As a result you should have a git repository available through git, and on the web. Example : <https://github.com/nfrp/ezpublish>

## 6 Step 3 : create a project space on projects.ez.no

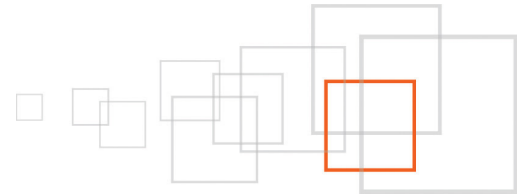
(if you already have one, skip to Step 3).

The first step is to have a valid account on projects.ez.no. This is the same as your share.ez.no account. In other words, if you don't have one, visit share.ez.no and hit the "Register" link at the top-right corner of the page. The received credentials will let you sign-in to projects.ez.no too.

Creating a project space on the eZ Publish extensions forge empowers your project with the following :

- A Forum,
- A News section, for announcements, also made available on the platform's home page and through a global RSS feed, both well-indexed by search engines,
- RSS feeds,
- Reviews and Rating : always good to get some stars by other Community members,
- An Image gallery ("an image is worth thousand words"),
- A Downloads section where you can propose packaged releases of your extension,
- A Subversion repository, which we will not use in our case,
- A Team management tool,

This all helps you get attention from the eZ Publish Community and generate more collaboration around your



extension, the very open-source way. I highly encourage you to create a project space on projects.ez.no on top of having a github.com repository.

Navigate then to projects.ez.no, sign-in, and hit the "Create a new project" button, as shown here :



## 7 Step 4 : enter the URL to your github.com repository

If you are creating your project, you will need to fill-out all required fields, and once submitted, the project will have to be approved by the site moderators (takes a few hours usually).

When editing the project home page, scroll one and you will reach the field entitled :

*"External URL / Github repository URL (ex : <https://github.com/ezsystems/ezpublish> )"*

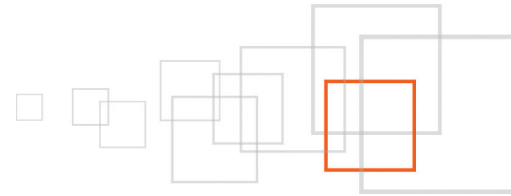
Simply give the web URL to your project here, and submit the edition form.

**External URL / Github repository URL (ex : <https://github.com/ezsystems/ezpublish> )**

[https://github.com/nfrp/my\\_ezpublish\\_extension\\_on\\_github](https://github.com/nfrp/my_ezpublish_extension_on_github)

You're done.

From now on, all commits on the master branch of your github repository will be reflected in your project space on projects.ez.no, pushed through the RSS feeds. People who have subscribed to your project's notification will be notified as when the Subversion repository was used. But let's have a look at it in step 5.

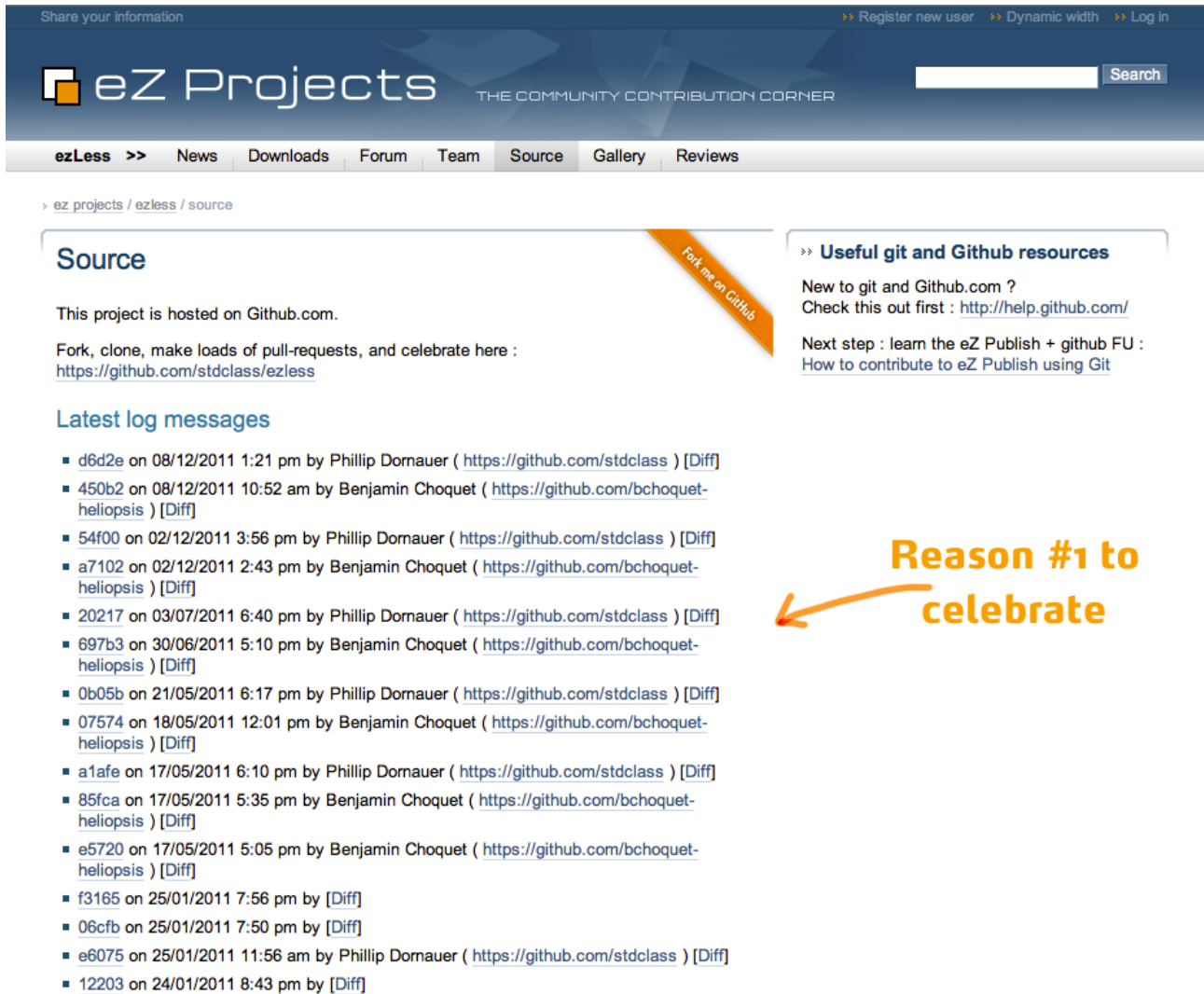


## 8 Step 5 : celebrate

### 8.1 Reason #1 : github commit log imported and shared through RSS

And that's automatic !

It includes links to diffs, and commit page on github, for every single commit. The commit author is also rewarded : a link to his account. More karma.



Share your information » Register new user » Dynamic width » Log in

**eZ Projects** THE COMMUNITY CONTRIBUTION CORNER

**ezLess** >> News Downloads Forum Team Source Gallery Reviews

> ez projects / ezless / source

### Source

This project is hosted on Github.com.

Fork, clone, make loads of pull-requests, and celebrate here :  
<https://github.com/stdclass/ezless>

**Fork me on Github**

#### » Useful git and Github resources

New to git and Github.com ?  
Check this out first : <http://help.github.com/>

Next step : learn the eZ Publish + github FU :  
[How to contribute to eZ Publish using Git](#)

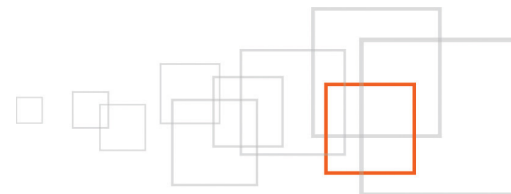
#### Latest log messages

- [d6d2e](#) on 08/12/2011 1:21 pm by Phillip Domauer ( <https://github.com/stdclass> ) [Diff]
- [450b2](#) on 08/12/2011 10:52 am by Benjamin Choquet ( <https://github.com/bchoquet-heliopsis> ) [Diff]
- [54f00](#) on 02/12/2011 3:56 pm by Phillip Domauer ( <https://github.com/stdclass> ) [Diff]
- [a7102](#) on 02/12/2011 2:43 pm by Benjamin Choquet ( <https://github.com/bchoquet-heliopsis> ) [Diff]
- [20217](#) on 03/07/2011 6:40 pm by Phillip Domauer ( <https://github.com/stdclass> ) [Diff]
- [697b3](#) on 30/06/2011 5:10 pm by Benjamin Choquet ( <https://github.com/bchoquet-heliopsis> ) [Diff]
- [0b05b](#) on 21/05/2011 6:17 pm by Phillip Domauer ( <https://github.com/stdclass> ) [Diff]
- [07574](#) on 18/05/2011 12:01 pm by Benjamin Choquet ( <https://github.com/bchoquet-heliopsis> ) [Diff]
- [a1afe](#) on 17/05/2011 6:10 pm by Phillip Domauer ( <https://github.com/stdclass> ) [Diff]
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- [e5720](#) on 17/05/2011 5:05 pm by Benjamin Choquet ( <https://github.com/bchoquet-heliopsis> ) [Diff]
- [f3165](#) on 25/01/2011 7:56 pm by [Diff]
- [06cfb](#) on 25/01/2011 7:50 pm by [Diff]
- [e6075](#) on 25/01/2011 11:56 am by Phillip Domauer ( <https://github.com/stdclass> ) [Diff]
- [12203](#) on 24/01/2011 8:43 pm by [Diff]

**Reason #1 to celebrate**

### 8.2 Reason #2 : the project gets a github badge

Second reason : the "Fork me on github" banner.



> ez projects / ezless / source

## Source

This project is hosted on Github.com.

Fork, clone, make loads of pull-requests, and celebrate here :  
<https://github.com/stdclass/ezless>

### Latest log messages

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Fork me on Github

### » Useful git and Github resources

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Next step : learn the eZ Publish + github FU :  
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**Reason #2 to celebrate**

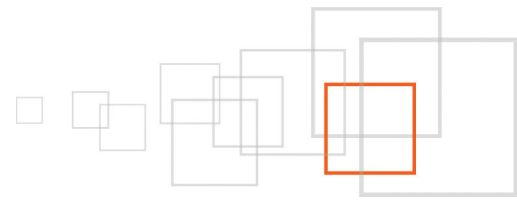
## 8.3 Reason #3 : easier and more active collaboration with pull-requests

This is something in the github wizardry that boosts open-source projects enormously. More on this right here :  
<http://help.github.com/send-pull-requests/>

## 9 Conclusion

This was a short and concise tutorial showing how to plug-in a github repository on your project hosted on projects.ez.no, the eZ Publish extension forge.

Time to fork fellas.



## 10 Resources

- eZ Publish and extensions, hosted on github.com : <https://github.com/eZsystems>
- How to contribute to eZ Publish using Git : <http://share.ez.no/learn/ez-publish/how-to-contribute-to-ez-publish-using-git>

## 11 About the author : Nicolas Pastorino



Nicolas has 7 years of experience in Open-source software edition and Content Management, in international context (Western Europe, USA, Norway) as Consultant, Trainer, Software Engineer, in Product Management, and now as Director of Community Management at eZ Systems (eZ Publish CMS). His is educated from the Institut National des Sciences Appliquées (INSA) in Lyon, France and Norges teknisk-naturvitenskapelige universitet (NTNU) in Norway : Telecommunications, Software, System and Network Engineering. Find him on Twitter :

<http://twitter.com/jeanvoye>

## 12 License choice



<http://creativecommons.org/licenses/by-sa/3.0>