

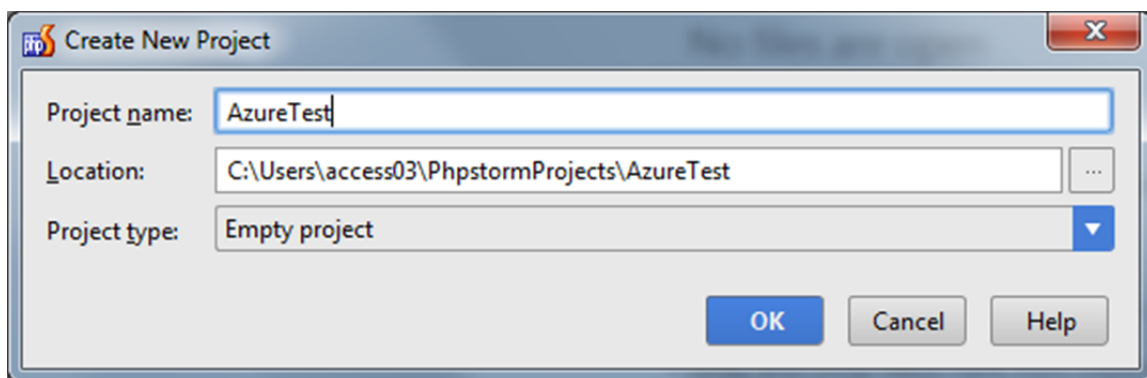
Connecting PHPStorm to GitHub



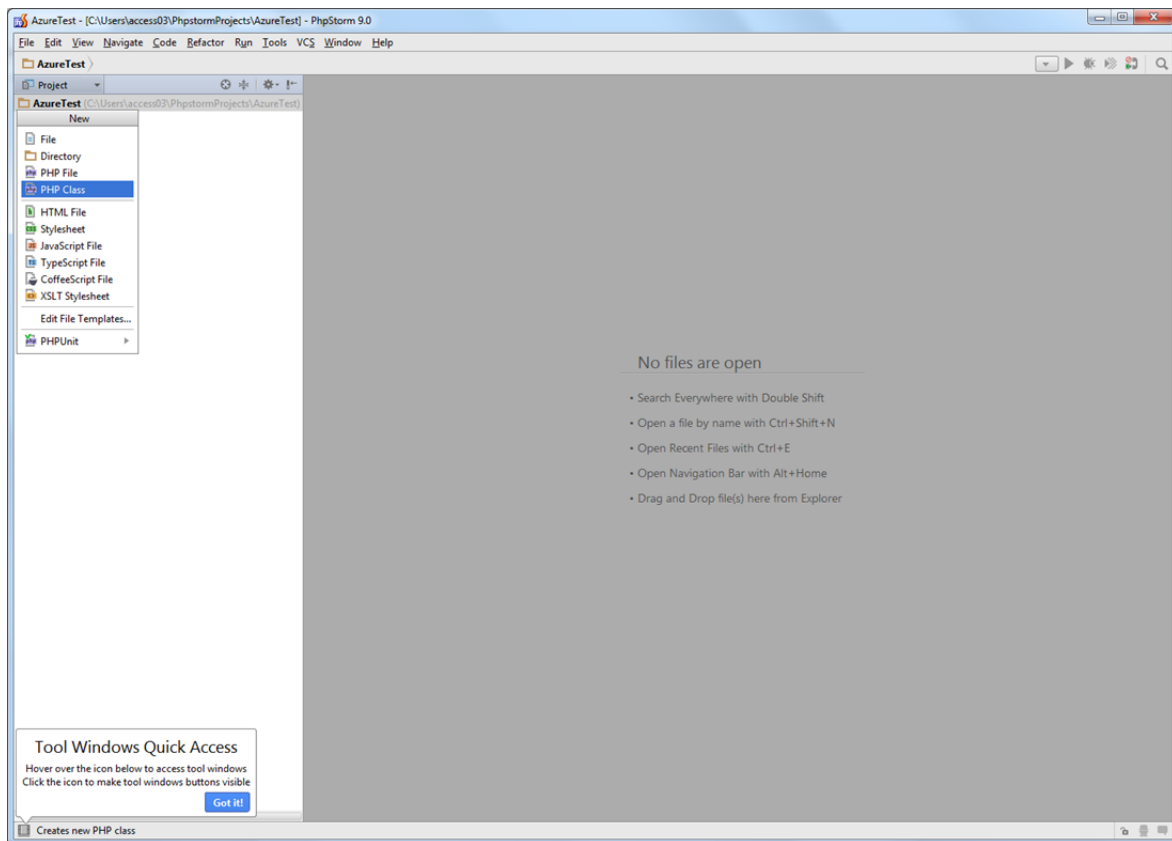
PHPStorm is a professional level development environment for Web Development. CSDM has an unlimited seat licence for educational use and the application is already installed on the lab computers. *If working at home you can get a free student licence for PHPStorm from (<https://www.jetbrains.com/student/>).*

Create a new project in PHP Storm

Start PHPStorm and create a new project called AzureTest, just leave the Project Type as “Empty Project”



Once the project has been created we can make a simple HTML file to test our deployment. Go to **File** then **New**

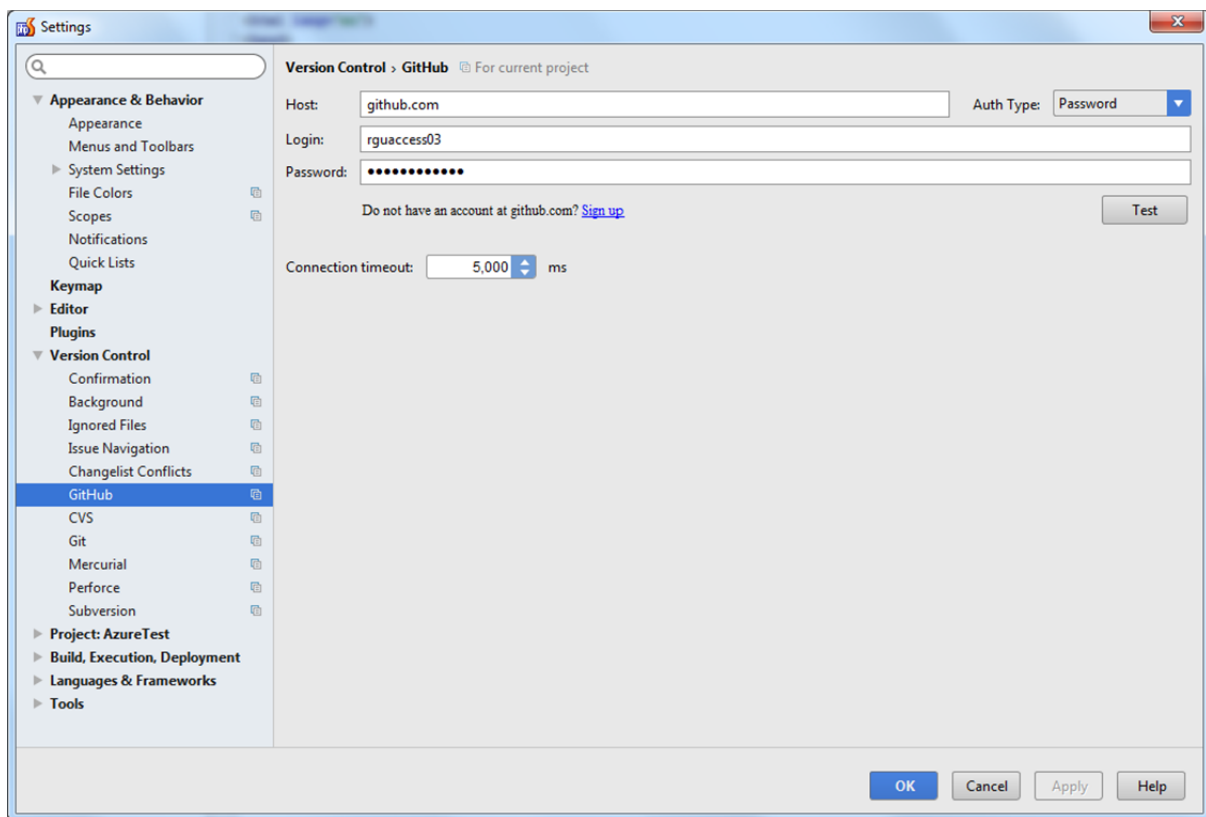


Create an index.html file using the code below.

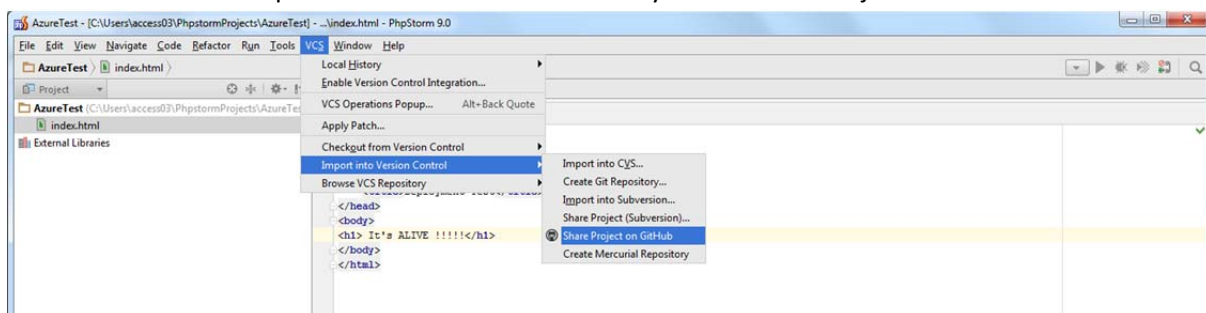
```
<!DOCTYPE html>
<html>
<head lang="en">
  <meta charset="UTF-8">
  <title>Deployment Test</title>
</head>
<body>
<H1> It's ALIVE!!!</H1>
</body>
</html>
```

Now we need to link PhpStorm to our GitHub account. Go to File->Settings and then select the Version Control tab.

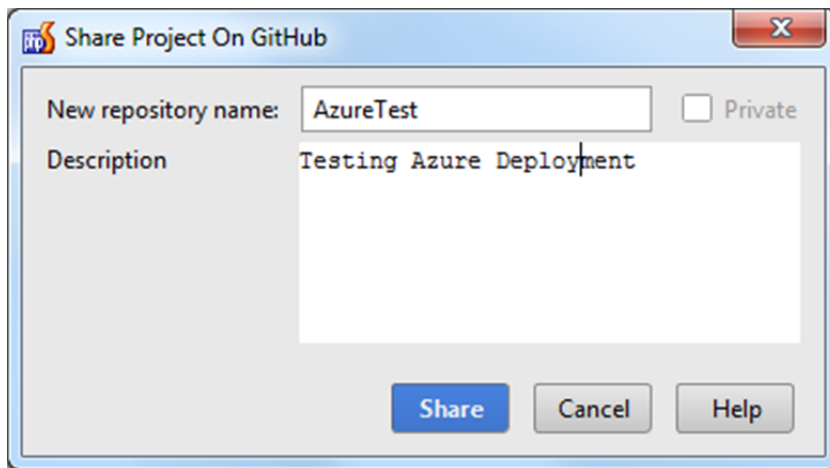
Now select the GitHub tab. In the Host box type **github.com** in the Login and Password boxes, use the details you used to create your GitHub account. Once entered hit the test button and hopefully you will see the successful message. If not check your password and username again, you may need to check your email for an activation link from GitHub. When you see the successful message just hit OK to return to the main window. (you may be asked to setup a master password, it is ok to not set this and just hit OK)



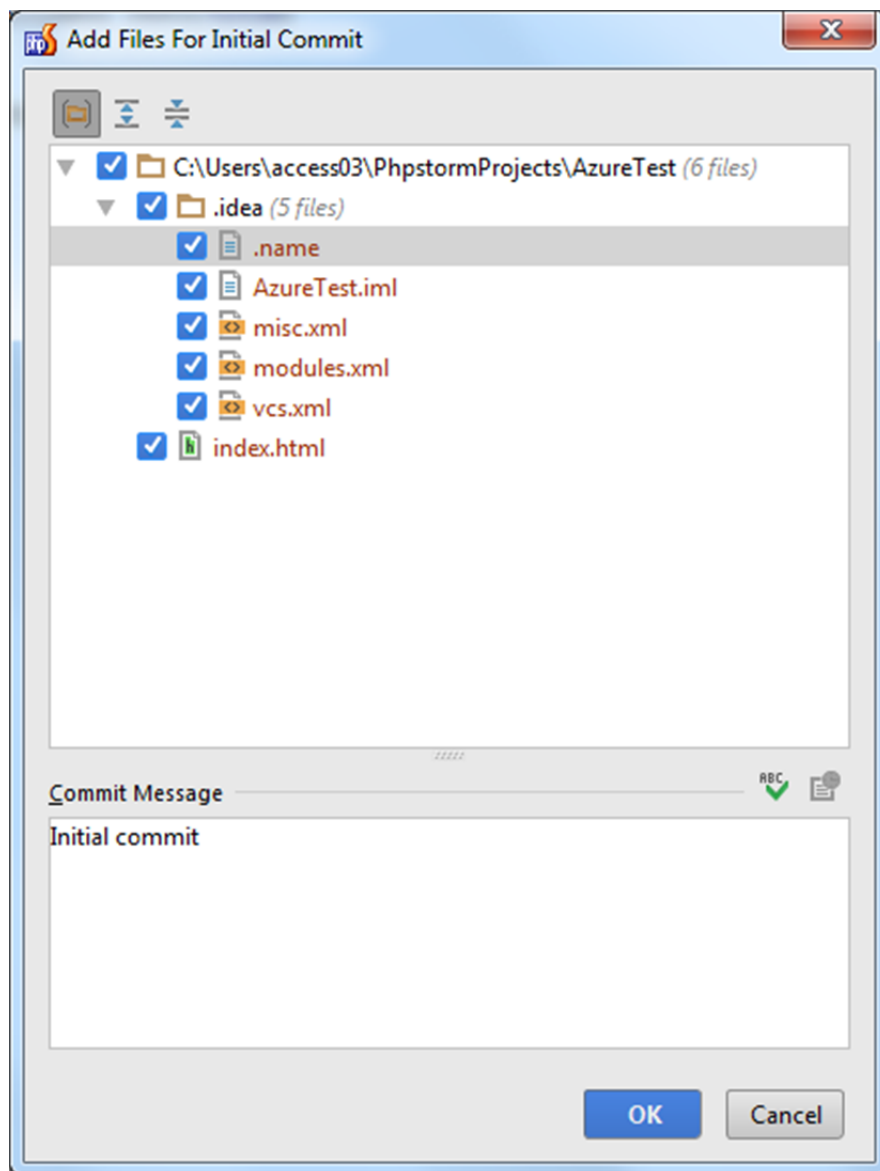
Now we have linked PhpStorm to GitHub we need to import our project into a repository. Click on the VCS menu then Import into Version Control. Finally select Share Project on GitHub.



In the window that pops up type in the name of the new repository, you can call this anything you like but its best to name it the same as your project. Give a description so you know what the project was for later on. These details will appear on GitHub when the repository is created. Click the share button.



Finally we need to select the files we are going to include in the initial commit. PhpStorm automatically selects a number of files which are needed for GitHub along with your code files. The box at the bottom of the screen allows you to enter a “commit message”, this is just some information about the code and means that later on you have a trail of what code was submitted and more importantly what the new code does. This makes it really easy for you and other developers you might be working with to understand what the code does.



Once you hit ok on this screen a GitHub repository will be created online that you can access anywhere.