

SYST10199: NetBeans PHP Setup

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Your Options

To run your PHP projects (and therefore to debug them) you will need a web server running PHP and MySQL. You have two options:

1. Set up a server on your local machine and tell NetBeans to use it when it runs your project.

PRO: You can develop your web app completely offline, then upload it when you're ready.

CON: You have to manage all the server software yourself. Depending on what state your machine is in this might be very easy or it might be a real pain.

2. Use a remote server and tell NetBeans to upload when it runs your project.

PRO: The sysadmins of the remote server do all the software management.

CON: You can't run your project without a connection to the internet, and all your work will immediately be publicly available on line.

Preferred for
SYST10199

Using Option 1: Local Server

There are a couple of free development servers that come with everything you need bundled together and should be easy to set up but in practice there are often hurdles to be overcome. I like WampServer (<http://www.wampserver.com/en/>) but XAMPP (<http://www.apachefriends.org/index.html>) is popular as well and seems to integrate well with NetBeans.

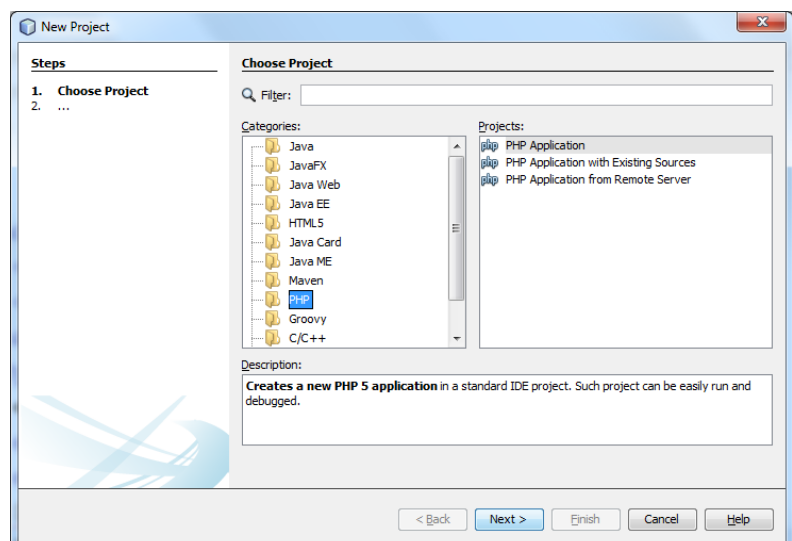
This is an option you can pursue in your time outside class. If you run into difficulties, the instructor may be able to help you during class time.

Using Option 2: mobile.sheridanc.on.ca

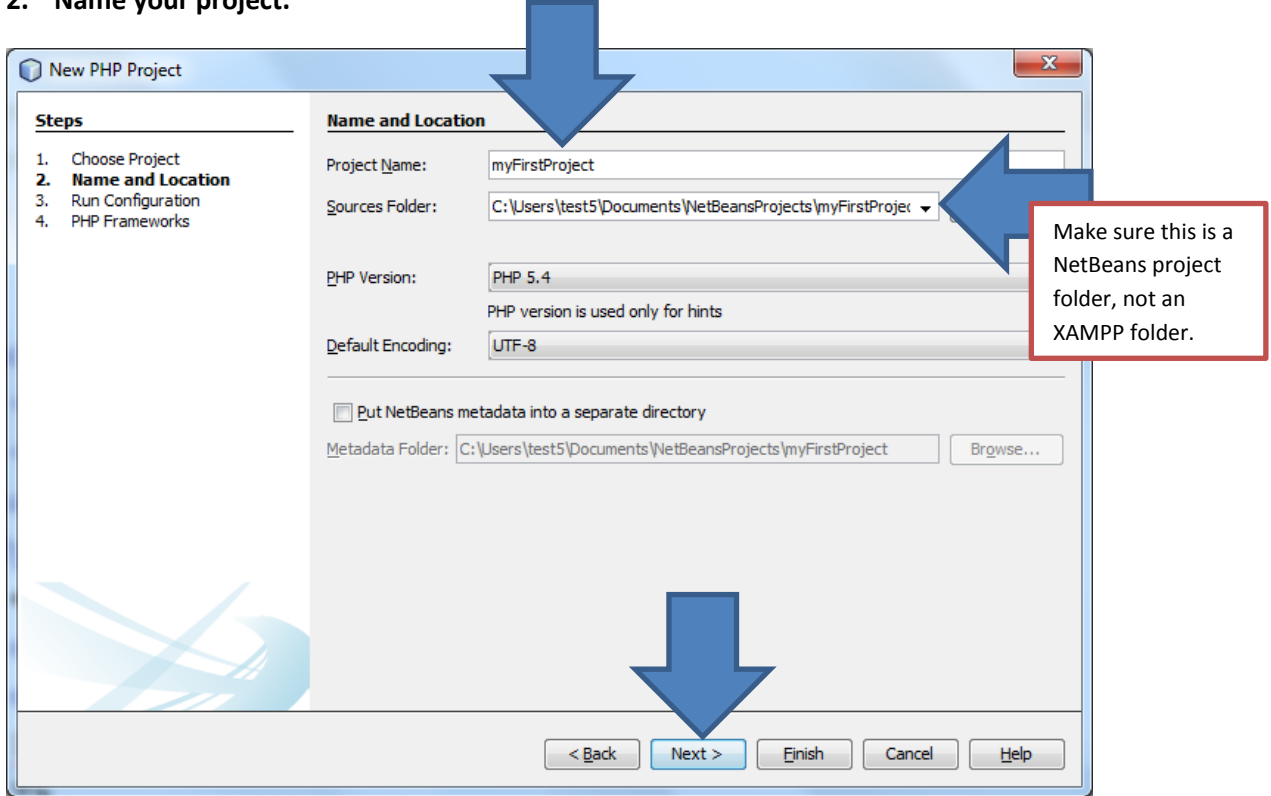
Here's a walkthrough of the steps

1. Create a new php project.

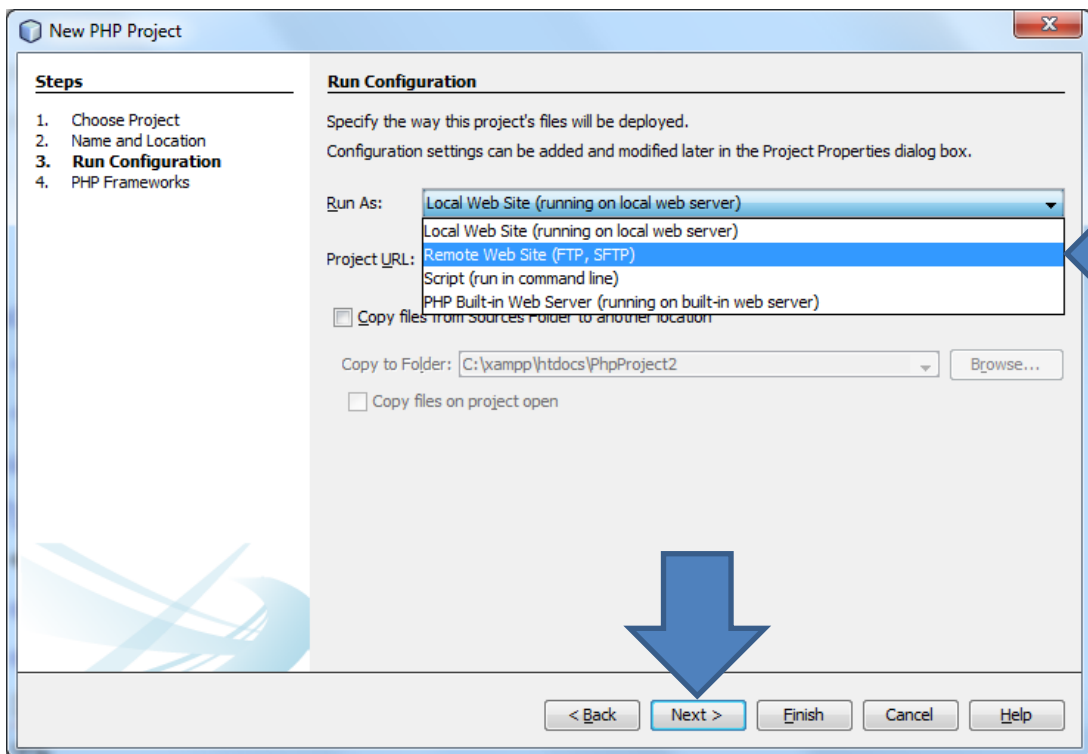
Don't see this option? You will have to go to netbeans.org and download the latest NetBeans with PHP project support.



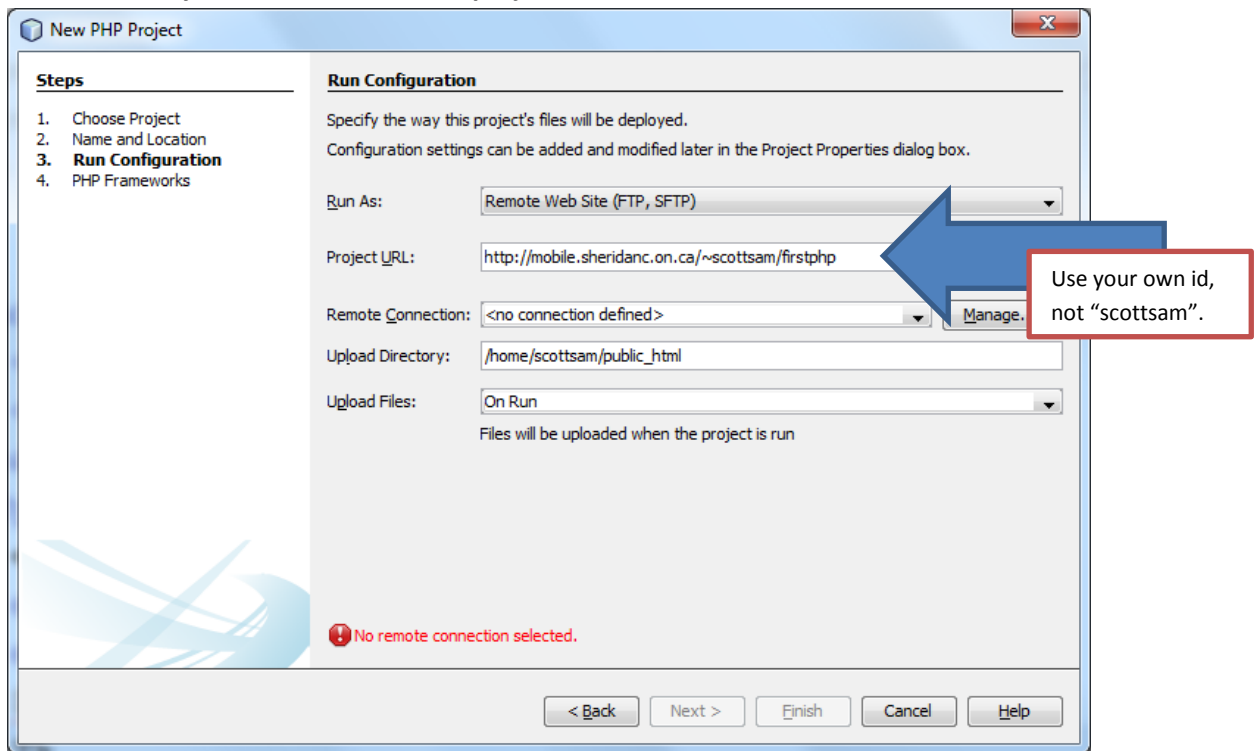
2. Name your project.



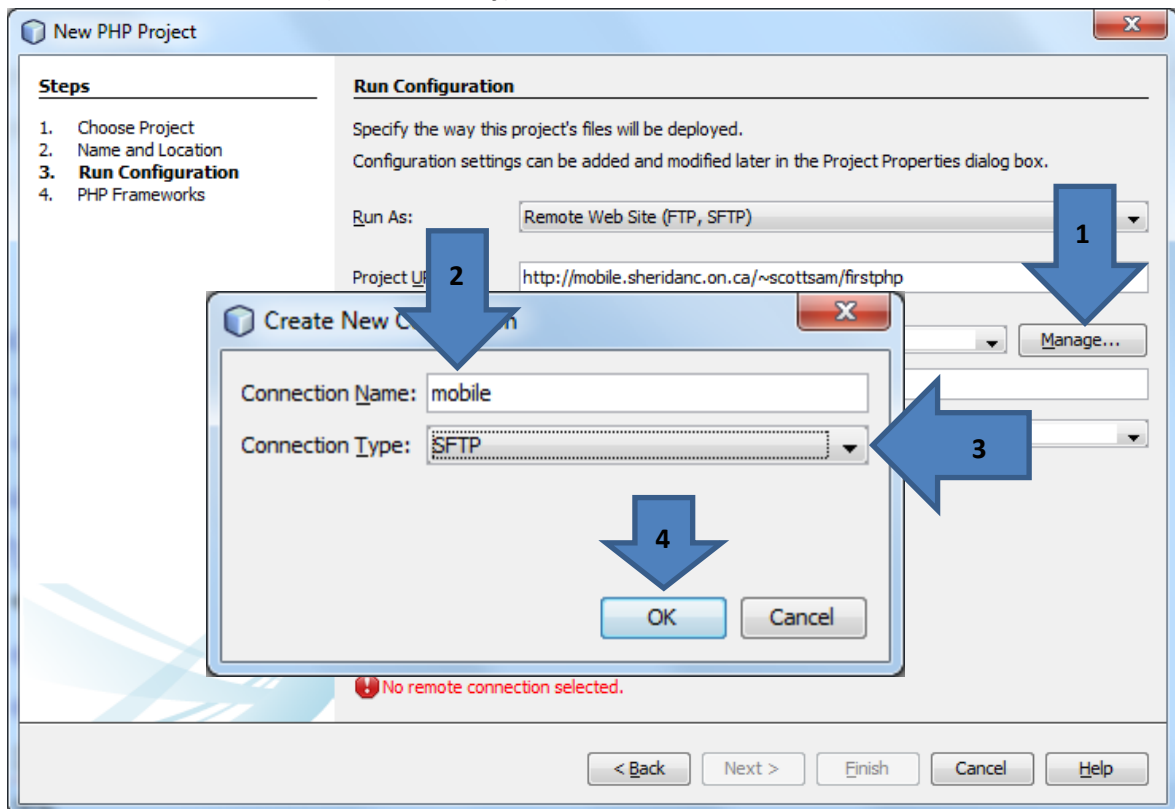
3. Choose "Run As Remote Web Site"



4. Fill in the URL you want to use for the project



5. Create an FTP connection (first time only)



6. Configure the FTP Connection (first time only)

mobile [SFTP]

Name: mobile

Host Name: mobile.sheridanc.on.ca Port: 22

User Name: scottsam

Leave password empty to be prompted.
(or specify Private Key file)

Private Key File: Browse...

Known Hosts File: Browse...

Local Root: /home/scottsam/public_html

Keep-alive interval (s): 30

Interval 0 means disabled.

Add... Remove Test Connection Configure Proxy...

OK Cancel Help

7. Choose an upload directory and press "Finish"

New PHP Project

Steps

1. Choose Project
2. Name and Location
3. Run Configuration
4. PHP Frameworks

Run Configuration

Specify the way this project's files will be deployed.
Configuration settings can be added and modified later in the Project Properties dialog box.

Run As: Remote Web Site (FTP, SFTP)

Project URL: http://mobile.sheridanc.on.ca/~scottsam/firstphp

Remote Connection: mobile Manage...

Upload Directory: /firstphp

sftp://mobile.sheridanc.on.ca/home/scottsam/public_html/firstphp

Upload Files: On Run

Files will be uploaded when the project is run

Back Next > Finish Cancel Help

Final Step: Run project. NetBeans should upload your file (you may get a security warning, but it's ok) and then open it in a browser. If you see a blank page, you're golden.

Didn't Work? Right click the project name, choose "Properties" and then go to "Run Configurations" to tweak and try again.

Make sure this looks right!