# How to create your own PyDev projects and modules

There are many reasons why you might want to create your own project or module. For now, a reason may be to have a place to try out various Python constructs or experiment with objects from a module that you are importing, or to do additional practice programs.

## 1. Create a new project:

- a. In Eclipse, you should be in the PyDev120 perspectiv
- b. File ~ New ~ PyDev Project
- c. In the dialog box :
  - i. Enter a project name
  - ii. Project type: Python
  - iii. Grammar version: 3.0
  - iv. Interpreter: Python3, or whatever your Python interpreter is called
  - v. Second radio button: Create 'src' folder should be selected
- d. Click the Finish button
- e. The new project should appear in the Package Explorer view

ev120 perspective. 🛛 🖹 🎒 Java 🜔 PyDev120 🏇 Del	bug		
PyDev Project			
Create a new PyDev Project.			
Project name: Experiments			
Project contents:        Image: Content is a start of the start of			
Directory C:\EclipseWorkSpaces\120-0007\Experiments B	rowse		
Project type			
Choose the project type			
Python O Jython Iron Python			
Grammar Version			
3.0	<b>-</b>		
Interpreter			
Pydev3	•		
Click here to configure an interpreter not listed.			
O Add project directory to the PYTHONPATH?			
Oreate 'src' folder and add it to the PYTHONPATH?			
On't configure PYTHONPATH (to be done manually later on)			

#### l PyDev Package Explorer 😒

### a 😅 Experiments

- / 进 src
- Pydev3 (C:\Python33\python.exe)

# 2. Create a new Python Module (source code file)

- In the Package Explorer, click the black triangle for the project where you want to add the module (see above picture)
- b. Right-click src and choose
  New ~ PyDev Module
- c. Enter the name of your new module in the Name field (not the Package Field)
- DO NOT include .py in the Name.
  That is part of the file name, but not part of the module name. Eclipse will automatically add .py to the file name
- e. Click the Finish button
- f. In the next dialog that comes up, you will usually want to choose Module Main (When we create our own classes, it will be Module Class)

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Create a new	<sup>p</sup> ython module	ę
Source Folder	/Experiments/src	Browse
Package		Browse
Name	TryWhileLoops	
?	Finish	Cancel