**MPOSP**

**Medi-Prepare Open Source Project**

**My Django Rest Working Environment on Windows PC**

**by Hans Hendrickx MD PhD**

**0.1 Assumptions:** You have installed [Anaconda](https://www.anaconda.com/distribution/" \l "windows) python 3.x 64-bit version [link](https://docs.anaconda.com/anaconda/user-guide/getting-started/), [GitKraken](https://www.gitkraken.com/download) 64-bit [link](https://www.gitkraken.com/learn-git) install [GPG](https://support.gitkraken.com/git-workflows-and-extensions/commit-signing-with-gpg/), [SVCode](https://code.visualstudio.com/docs/setup/windows) 64-bit, [PostgreSQL 11](https://www.labkey.org/Documentation/wiki-page.view?name=installPostgreSQLWindows)([follow instructions](#postgresqlinstall) in 0.3 and 0.4) [demo](https://www.pgadmin.org/try/) [view table](https://www.youtube.com/watch?v=QO1TX0rWM3o), and signup for [Google](https://support.google.com/mail/answer/56256?hl=en), Anaconda, GitKraken, [Github](https://github.com/) [link](https://docs.anaconda.com/anaconda/user-guide/getting-started/), SVCode (all with google if possible). Setup properties for [Django Developers in SVCode](https://djangocentral.com/visual-studio-code-setup-for-django-developers/).

**0.2 Handies:** Handy are the Cheet Sheets for [Python](https://www.google.com/search?q=cheet sheet python), [Anaconda](https://www.google.com/search?q=cheet sheet anaconda OR conda), [GitKraken](https://www.google.com/search?q=cheet sheet GitKraken), [PostgresQL](https://www.google.com/search?q=cheet sheet postgresql), [Django](https://www.google.com/search?q=cheet sheet django 2), [pgAdmin](https://www.google.com/search?q=cheet sheet pgAdmin). If needed adjust for MAC or Linux. To begin, use free packages only! I use [LibreOffice](https://www.google.com/search?q=libreoffice+download) to create my logbooks. I like free packages [FileZilla](https://filezilla-project.org/download.php?type=client), [InkScape](http://inkscape/), [Gimp](https://www.google.com/search?q=Krita), [Krita](https://www.google.com/search?q=Krita), [Screenrec](https://www.google.com/search?q=alternatives free for Snagit screenrecorder), [Movie](https://www.google.com/search?q=free alternatives for Camtasia screen recorder OR editor), [Telegram](https://www.google.com/search?q=download+telegram) (sends large files easily), [Draw.io](https://www.draw.io/).

**0.3 FolderNames**

|  |  |  |
| --- | --- | --- |
| env  git | R REST\_framework  D Django  P Python  PG PostgreSQL | 001 |

**0.4 FileNames**

|  |  |  |
| --- | --- | --- |
| small type | no spaces | short as possible |

**0.5 Postgresql** should be installed with settings (follow for now exact settings as indicated), password: **admin123**

Next > C:\Program Files\PostgreSQL\11 next > all checked next > C:\Program Files\PostgreSQL\11\data next > password for user **postgres** database superuser **admin123** admin123 next > port 5432 next > default? English, United States next >

**0.5 pgADMIN** is installed with postgresql. Setup envrdpg004-database with pgAdmin:

Open pgAdmin (search windows pg and click ENTER) > servers > databases > R-click > create > envRDPG004 > save