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ISSUE-TRACKER

1. WHAT IS IT ?!

A tool to handle multiple projects issues programmatically using txt files , xls files and PostgreSQL db as a source .

2. INSTALLATION AND CONFIGURATION

2.1. Prerequisites

The must have binaries are:
bash, perl, zip
The nice to have are:
tmux, vim ,ctags
The examples are for Ubuntu - use you OS package manager …

```
# use your OS package manager … if you are not on Ubuntu

sudo apt-get autoclean
sudo apt-get install --only-upgrade bash

sudo apt-get install -y perl

# optionally
sudo apt-get install -y excuberant-ctags
sudo apt-get install -y 7z

sudo apt-get upgrade
```

2.2. Fetch the source

Fetch the source from git hub as follows:

```
# got to a dir you have write permissions , for example:
cd ~

# fetch the source
git clone git@github.com:YordanGeorgiev/issue-tracker.git
```

2.3. run the boot-strap script

The bootstrap script will interpolate change the git deployment dir to a "product_instance_dir" (your instance of the issue-tracker, having the same version as this one, but running on a different host with different owner - your)

```
# run the bootstrap script :
bash issue-tracker/src/bash/issue-tracker/bootstrap-issue-tracker.sh

# now go to your product instance dir
cd /opt/csitea/issue-tracker/issue-tracker.0.1.8.dev.$USER
```

2.4. Apply the db and issue create scirpts

If you do not have the PostgreSQL installed check the instructions in the installations and configuratios section of the DevOps guide:
https://github.com/YordanGeorgiev/issue-tracker/blob/master/doc/md/issue-tracker-devops-guide.md#1-installations-and-configurations
If you do have it , apply the db and issue create scirpts as follows:

```
bash src/bash/issue-tracker/issue-tracker.sh -a run-pgsql-scripts
```

2.5. Install the required Perl modules

Just run the prerequisites checker script which will provide you with copy pastable instructions

```
sudo perl src/perl/issue_tracker/script/issue_tracker_preq_checker.pl

# after installing all the modules check the perl syntax of the whole project:
bash src/bash/issue-tracker/issue-tracker.sh -a check-perl-syntax
```

2.6. Start hacking

Start usage:

```
doParseIniEnvVars cnf/ysg-issues.dev.doc-pub-host.cnf

bash src/bash/issue-tracker/issue-tracker.sh -a txt-to-db
bash src/bash/issue-tracker/issue-tracker.sh -a db-to-xls

# now edit the files in the xls
bash src/bash/issue-tracker/issue-tracker.sh -a xls-to-db
bash src/bash/issue-tracker/issue-tracker.sh -a db-to-txt
export issues_order_by_attribute=start_time
export issues_order_by_attribute=prio
bash src/bash/issue-tracker/issue-tracker.sh -a db-to-txt
```

3. ADDITIONAL DOCS

Additonal docs could be found in the doc/md dir.