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# ISSUE-TRACKER

## 1. WHAT IS IT ?!

A tool to handle your projects issues programmatically in a simple manner:

## 2. INSTALLATION AND CONFIGURATION

The issue-tracker instances and clones have been running on \*Nix boxes with bash > 3.0 ... , but some actions require 4.0 and older ...

### 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 ...

```
apt-get autoclean
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

apt-get upgrade
```

### 2.2. Fetch the source

Fetch the source from git hub as follows:

```
# create your product dir:
mkdir -p /opt/csitedata/issue-tracker
cd /opt/csitedata/issue-tracker/

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

### 2.3. Build the first issue-tracker instance

When doing for first time do exactly as shown bellow, otherwise no joy ...

Each issue-tracker instance has it's own version, environment type and owner. For now just follow the instruction - after half an hour you will be hacking this ...

```
# build your product version dir - a kind of "this instance of the thingy dir"
mv -v /opt/csitedata/issue-tracker/issue-tracker /opt/csitedata/issue-tracker/issue-tracker.0.1.8.dev.$USER
```

### 2.4. Create you local conf file

The default conf file provides only limited functionality ( this is by design ) , thus copy and configure the configuration file for your host

```
# go to the product version dir
cd /opt/csitedata/issue-tracker/issue-tracker /opt/csitedata/issue-tracker/issue-tracker.0.1.8.dev.$USER

mv -v sfw/bash/issue-tracker/issue-tracker.set-your-host.conf sfw/bash/issue-tracker/issue-tracker.`hostname -s`.conf
```

## 2.5. Start hacking

Start usage:

```
cd /opt/csitedata/issue-tracker/issue-tracker.0.1.8.dev.$USER

doParseIniEnvVars /vagrant/csitedata/cnf/projects/issue-tracker/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

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