

# Intelligent terminal emulator

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DEC VT100

```
Terminal
+ f/Projects/IDEA/out/classes/production/resources:/Users/traff/Projects/IDEA/out/classes/production/community-resources:/Users/traff/Projects/I
traff/Projects/IDEA/out/classes/production/java-impl:/Users/traff/Projects/IDEA/out/classes/production/jsp-spi:/Users/traff/Projects/IDEA/comm
X EA/out/classes/production/java-indexing-impl:/Users/traff/Projects/IDEA/out/classes/production/java-analysis-impl:/Users/traff/Projects/IDEA/c
raff/Projects/IDEA/out/classes/production/java-structure-view:/Users/traff/Projects/IDEA/community/lib/nekohtml-1.9.14.jar:/Users/traff/Projec
ff/Projects/IDEA/community/lib/protobuf-2.5.0.jar:/Users/traff/Projects/IDEA/community/jps/lib/optimizedFileManager.jar:/Users/traff/Projects/
Projects/IDEA/out/classes/production/execution-impl:/Users/traff/Projects/IDEA/out/classes/production/Docker-remote-run:/Users/traff/Projects/
n/lib/jackson-annotations-2.6.4.jar:/Users/traff/Projects/IDEA/plugins/Docker/Docker-remote-run/lib/jackson-core-2.6.4.jar:/Users/traff/Projec
r-remote-run/lib/jackson-dataformat-yaml-2.7.3.jar:/Users/traff/Projects/IDEA/out/classes/production/Docker-agent-impl-rt:/Users/traff/Project
sers/traff/Projects/IDEA/community/lib/jsr305.jar:/Users/traff/Projects/IDEA/python/profiler/lib/libthrift-0.9.2.jar:/Users/traff/Projects/IDE
Users/traff/Projects/IDEA/community/plugins/settings-repository/lib/jgit.jar:/Users/traff/Projects/IDEA/community/plugins/settings-repository/
.1.jar:/Users/traff/Projects/IDEA/community/plugins/settings-repository/lib/jackson-databind-2.8.1.jar:/Users/traff/Projects/IDEA/out/classes/
lIj IDEA 2017.1 EAP.app/Contents/lib/idea_rt.jar com.intellij.idea.Main
81547 s006 S+ 0:00.18 vim /Users/traff/Dropbox/work/pycharm/2017.1.txt
traff@dmitrys-mbp ~/P/I/community> git status
On branch master
Your branch is up-to-date with 'origin/master'.
nothing to commit, working tree clean
traff@dmitrys-mbp ~/P/I/community> ps ax | grep pycharm
```

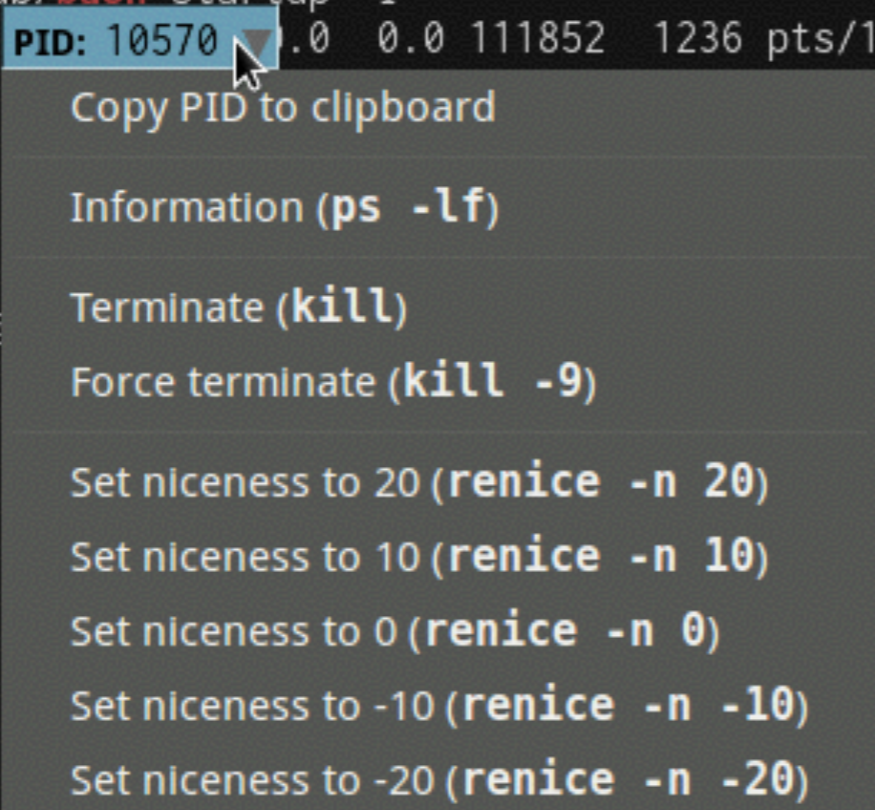
6: TODO 9: Version Control Python Console Terminal

IDE's Java runtime (1.8.0\_101) is outdated - this may cause stability issues. Please update to 1.8.0\_112 or newer. // Do not show again. (moments ago)

## Эмулятор терминала в PyCharm IDE

- Вывод информации о текущей директории
- Вывод информации о текущей запущенной команде
- Сохранение списка введенных команд для автодополнения

```
pew@Eleusis:~/Programming/Final Term/source
[pew@Eleusis source]$ ps auxw | grep bash
root      779    0.0  0.0 113956   820 ?        S    16:56   0:00 /bin/bash /usr/sbin/ksmtuned
pew       1736   0.0  0.0 115672   3708 pts/0    Ss   16:57   0:00 /bin/bash
pew       10503  1.0  0.0 115544   3468 pts/1    Ss   19:48   0:00 /bin/bash --rcfile S
tartup/bash startup -i
pew       PID: 10570 .0  0.0 111852   1236 pts/1    S+   19:48   0:00 /bin/bash
pew       sh
pew       sh
[pew@Eleusis source]$
```



Анализ вывода стандартных unix-команд (ps, ls) и предоставление контекстного взаимодействия в эмуляторе Finalterm