Writing standalone Qt & Python applications for Android workshop

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What you need

- an Android device, or at least the Android emulator

- the Necessitas NDK so that you can use *pydroid*

    – or at least a normal Android SDK/NDK so that you have the adb utility available

pydroid - installation

`git clone `https://github.com/raaron/pydroid

`cd pydroid`

`sudo python setup.py install`

- configure path to Necessitas NDK in *~/.pydroid/deploy.conf*
- check what pydroid can do

`pydroid help`

`(also check README.md)`

- check if your system is correctly configured

`pydroid status`

pydroid - usage

- create an example project
  `pydroid create example qt_components`
- **edit stuff**
- deploy to device
  `pydroid deploy complete`
- after first deployment, fast deployment is available
  `pydroid deploy fast`

Links

- these slides & related stuff

  http://www.modrana.org/pyconpl2013

- Necessitas NDK installer

  http://necessitas.kde.org/necessitas/necessitas_sdk_installer.php

- pydroid project

  https://github.com/raaron/pydroid

- "normal" Android SDK/NDK

  http://developer.android.com/sdk/index.html

  http://developer.android.com/tools/sdk/ndk/index.html