

Keep It Simple With PythonCard

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Pycon

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Overview

- *What is PythonCard?*
- *Framework, Runtime Tools, Samples*
- *Demo*
- *Plans*
- *Q & A*

What it isn't

- *PythonCard is NOT HyperCard*
- *More like VB (at least today)*
- *not designed to support big complicated projects or teams*

What is PythonCard?

- *simple cross-platform GUI construction kit*
- *Linux, Mac OS X, Windows*
- *low learning curve*
- *ideally suited to short simple GUI tasks, prototyping, 15 minutes to an afternoon for 1st version*

What is PythonCard (continued)

- *100% Python*
- *Application Framework*
- *Graphical Tools*
 - *Development*
 - *Runtime*
- *Sample Applications*

What is PythonCard (continued)

- *over 50 samples and tools*
- *learning tool*
- *mostly follows wxPython API*
 - *mixedCase style method names*
 - *but hides much of the complexity*

Benefits of PythonCard

- *standardizes event and attribute names*
- *numerous samples*
- *auto-binds events*
- *separates program logic and layout*
- *simpler to learn and use than wxPython*

Requirements

- *PythonCardPrototype 0.7.3.1*
 - *Python 2.2.1 or higher (need True/False)*
 - *wxPython 2.4.x or higher (2.4.2.4)*
- *PythonCard 0.8.1*
 - *Python 2.3 or higher*
 - *wxPython 2.5.x or higher*

PythonCard Development Tools

- *codeEditor*
- *findfiles (grep)*
- *resourceEditor (layout editor)*
 - *menu editor*
 - *property editor*
- *textEditor*

PythonCard Runtime Tools

- *Logger*
- *Message Watcher*
- *Namespace Viewer*
- *Property Editor*
- *Python Shell (PyCrust)*

PythonCard Framework

- *wxPython widget subclasses*
- *complex components*
- *pre-configured dialogs*
- *resource files*
- *transparent event binding*

Sample Applications

- *chat*
- *dbBrowser*
- *radioClient*
- *slideshow*
- *stockprice*
- *turtle*
- *worldclock*

Sample Requirements

- *Twisted*
- *SOAP.py*
- *jabber.py*
- *MetaKit, MySQL, PostgreSQL, Gadfly, PySQLite*
- *PIL, NumPy*
- *ZODB*

PythonCard Demonstration

- *let's build an application*

Plans

- *On track for 1.0 release this year*
- *1.0 is tied to wxPython 2.6 release*
- *each PythonCard release between now and 1.0 will track the latest wxPython 2.5.x release*

Q & A Time

- *PythonCard*
- *wxPython*
- *Python*
- *PyCrust*
- *Alternative GUI construction kits*
- *Anything*

For More Info

- *<http://www.pythoncard.org/>*
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