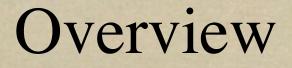
# Keep It Simple With PythonCard Kevin Altis http://www.pythoncard.org/

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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
- o 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)  $\circ$  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

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

#### PythonCard Demonstration

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• 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 no

 each PythonCard release between now and 1.0 will track the lastest wxPython 2.5.x release

## Q & A Time

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

#### For More Info

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