**Research notebook**

Research Notebook is a cross-platform, self-contained, interactive scripting environment inspired by [IPython notebook], for people who prefer Java-like syntax of [JavaScript].

Like its big brother,

Once you power up a single JAR executable,

the user can combine scripts

A Research Notebook is based on the metaphor of a document containing, in addition to text, embedded executable script cells and inline results of execution of said script. Each result object gets rendered according to the type: text, plot, table, or image. The results are persisted in the document.

[picture]

**Cross-Platform Scripting Environment**

The Research Notebook is designed to provide sufficiently rich set of tools to account for most common tasks facing the users without requiring installation of external components.

The Notebooks attempts to provide a way to create scripts that will run equally well on Windows, Mac OS X, Linux, Solaris, or any other system where Java 7 is supported. Not only the users are required to deal with archaic and arcane peculiarities of bash or Power Shell, this tool provides mechanisms for safe simplify migration of scripts to another system, such as internal key-value storage for sensitive data storage of passwords and API keys, or paths to external commands.

**Features**

The purpose is...

- self contained: no need to install any other components besides a Java Runtime

- cross platform: runs on Windows, Linux, Mac OS X, Solaris

- designed for people who prefer Java-like syntax to Python

- powerful interactive shell with the goal to provide alternative to incompatible and archaic native OS shells

data storage for passwords

<objects>

**Examples**

package tracker

image manipulation

**Future Development**

connectors

**Download**

jar