



Chimera Scripts and Demos

An introduction to scripting chimera and creating presentations



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Notes



Scripting

- Chimera has 3 interactive interfaces
 - The graphical user interface (GUI)
 - The Command Line tool
 - Python code via the IDLE tool
- Scripts are a file-based interface to replay commands and/or code

```
Python Shell
File Edit Options Windows Help
Python 2.4.2 (67, Oct 17 2005, 17:52:27) [MSC v.1310 32 Bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.

*****
Personal firewall software may warn about the connection IDLE
makes to its subprocess using this computer's internal loopback
interface. This connection is not visible on any external
interface and no data is sent to or received from the Internet.
*****



IDLE 1.1.2      *** No Subprocess ***
>>>
>>> import chimera
>>> help(chimera.Atom)
Help on class Atom in module _chimera:

class Atom(Selectable):
    'No instantiation from Python

    Method resolution order:
        Atom
        Selectable
        librappi.WrapPy
        __builtin__.object

    Methods defined here:

        __hash__(...)
            X.__hash__().__eq__(hash(X))

        addBond(...)
            addBond(element: Bond)

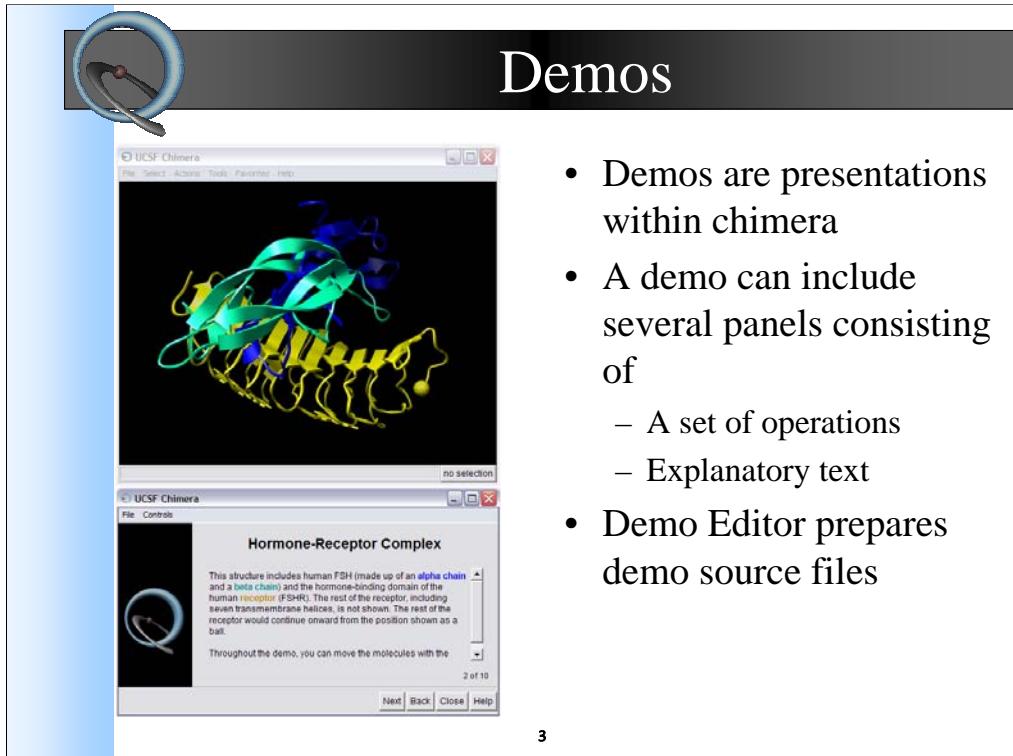
        addPseudoBond(...
            addPseudoBond(element: PseudoBond)

        allLocations(...
            allLocations() -> list of Atom

        allRings(...
            allRings(...)
```

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Notes



Notes