UNIXvisual Quick Start

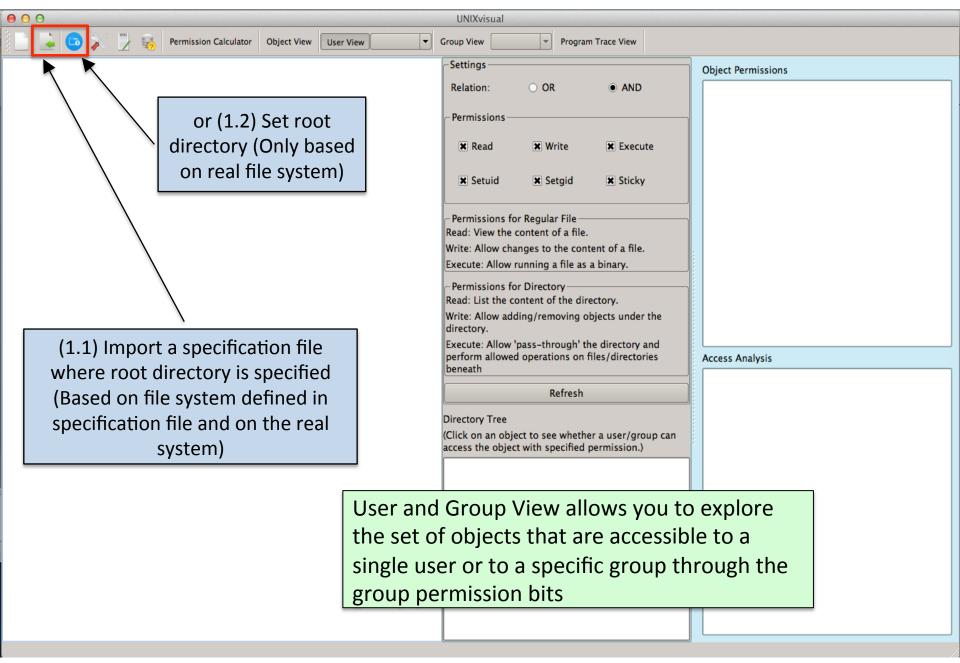
UNIXvisual requires a root directory from which to start. UNIXvisual will use the underlying file system or a user specification and there then are two ways to specify the root directory: through the change root directory option or through a specication file (.unix).

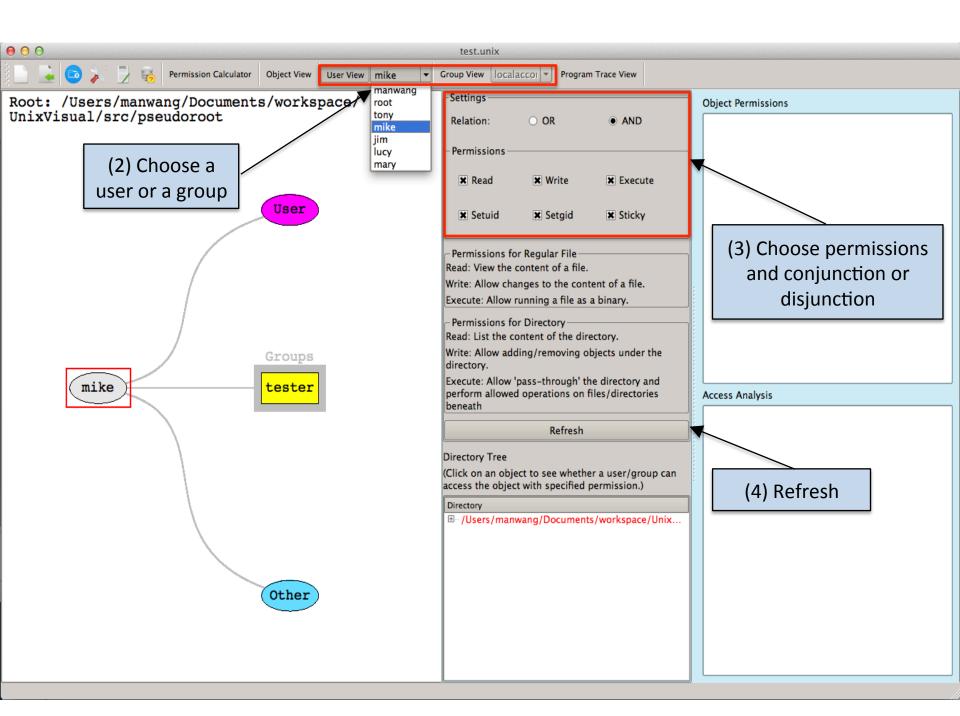
A notional system can be defined through a specification le. The file contains text that indicates the root directory, users, user-to-group assignment, objects and their permissions (information listed by using command "ls -l yourobject"). Below is an example:

```
UNIX
root: ./pseudoroot
user: tony, mike, lucy, mary
user: jim
                         mike
group: tester
group: developer
                         tony, lucy
group: manager
                         mary, jim
object: drwsrwxr--
                           tony:developer
                                                            /code
object: rwsrw-r--
                           tony:developer
                                                            /code/program1
                                                            /document
object: drwxrw-r--
                           mary:manager
                                                 -\mathbf{r}
object: drwxrw-r--
                                                            /document/projectA
                           mary:manager
object: drwxrw-r--
                                                            /document/projectA/testers
                           mary:manager
                                                 -\mathbf{r}
object: drwxrw-r--
                                                            /document/projectB
                           jim:manager
                                                            /document/projectB/developers
object: drwxrw-r--
                           jim:manager
                                                 -r
object: drwxrwx--x
                           mike:tester
                                                            /test
                                                 -r
```

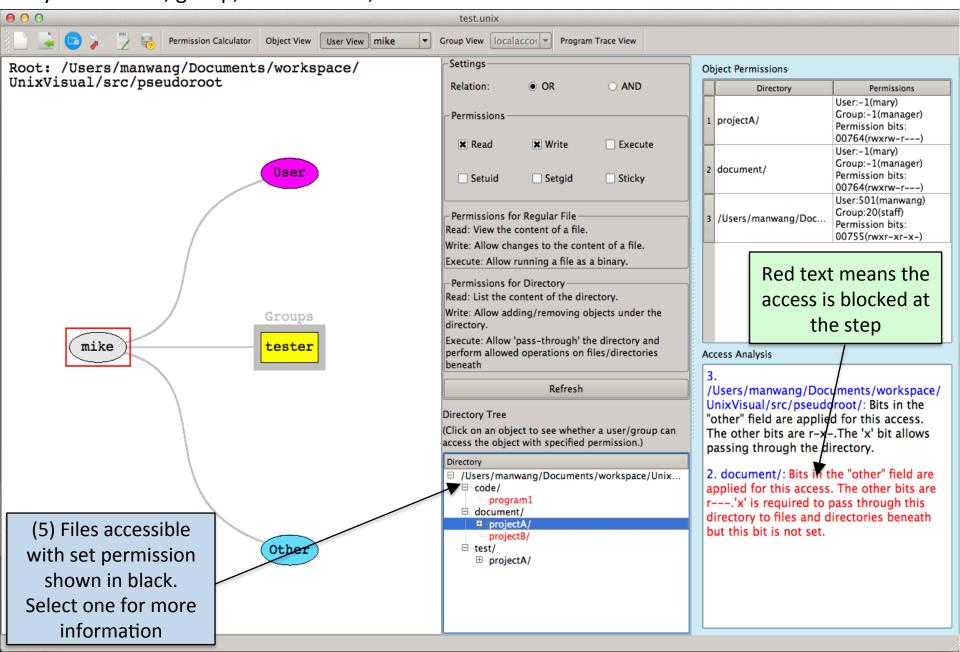
User and Group View

Blue boxes have the sequence of operations. Green boxes explain the functionality.

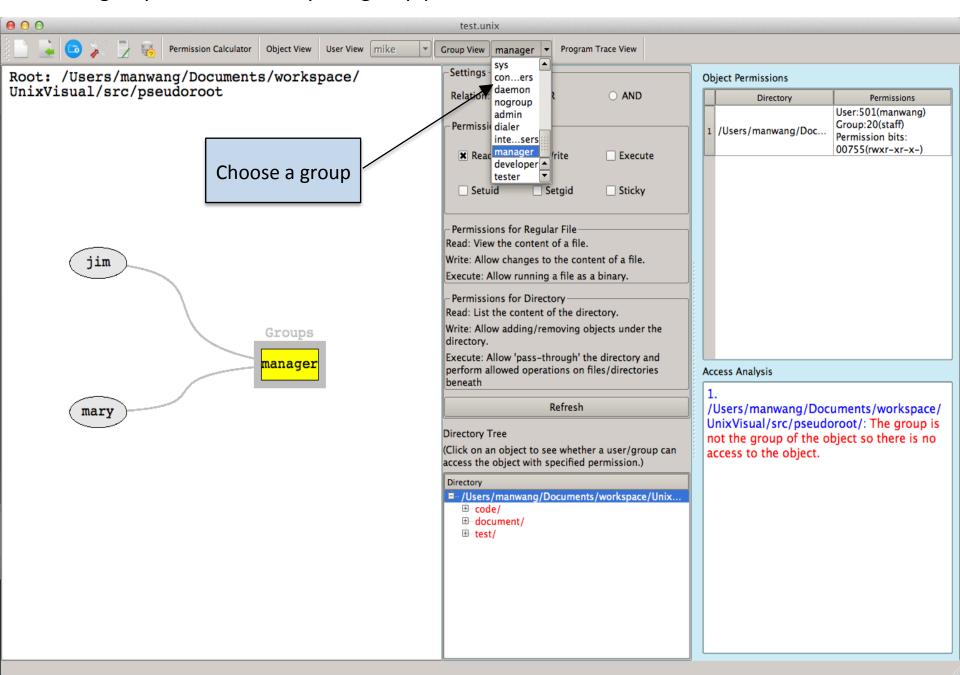




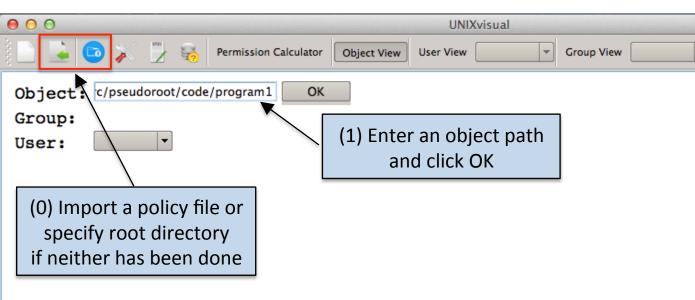
When a user is selected, a full permissions check is made. When access is allowed through any of the user, group, or world bits, UNIXvisual will indicate access is allowed.



When a group is selected, only the group permission bits are checked.

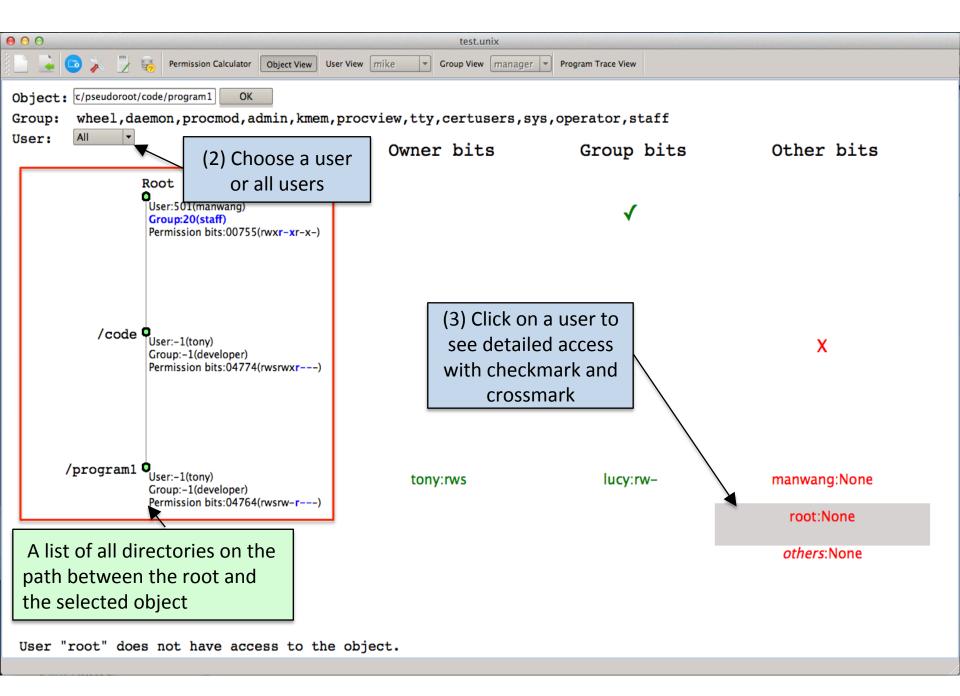


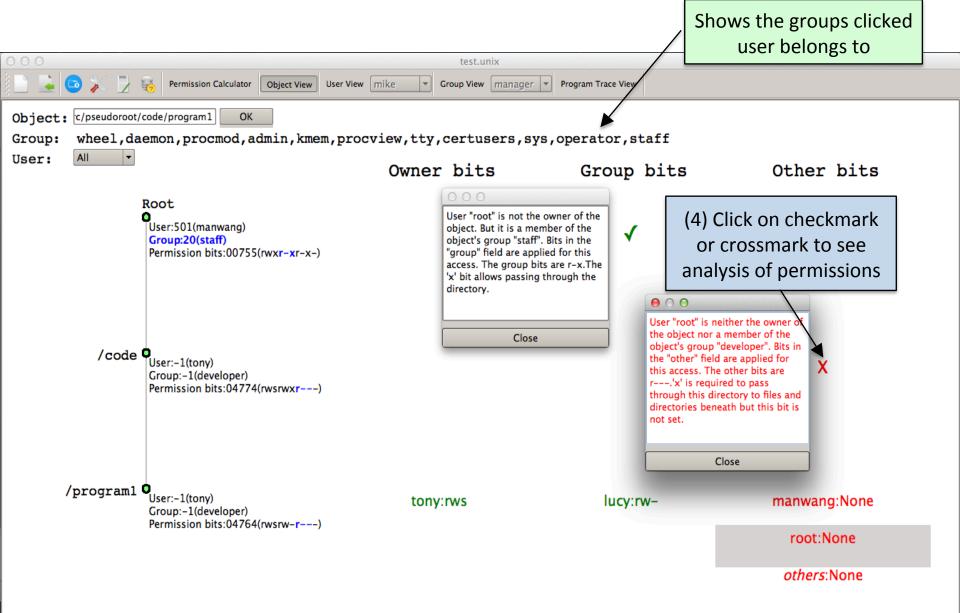
Object View



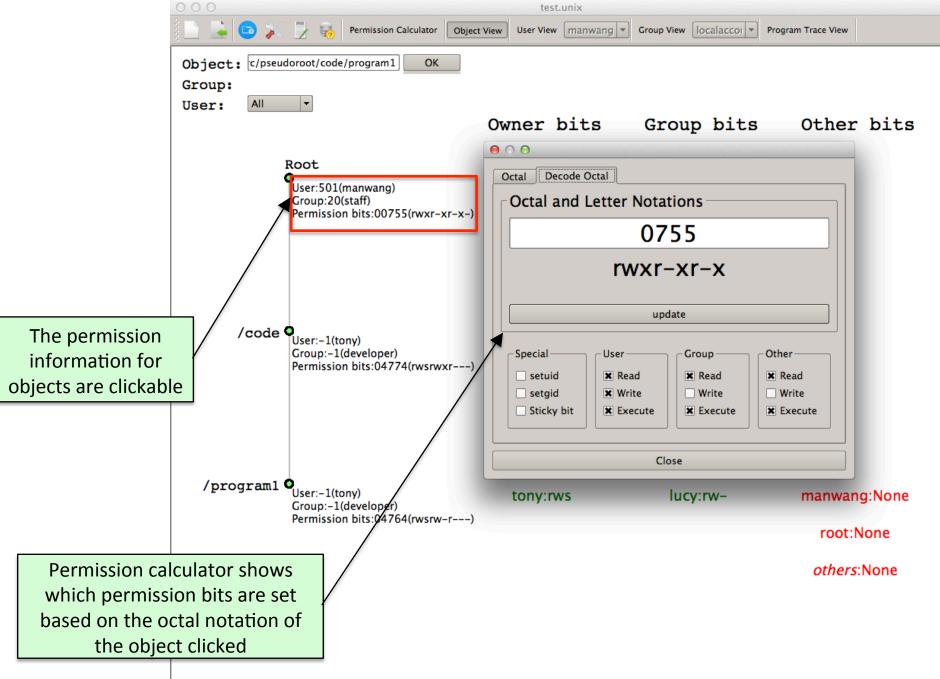
Object View allows an examination of all access allowed to a single object

Program Trace View

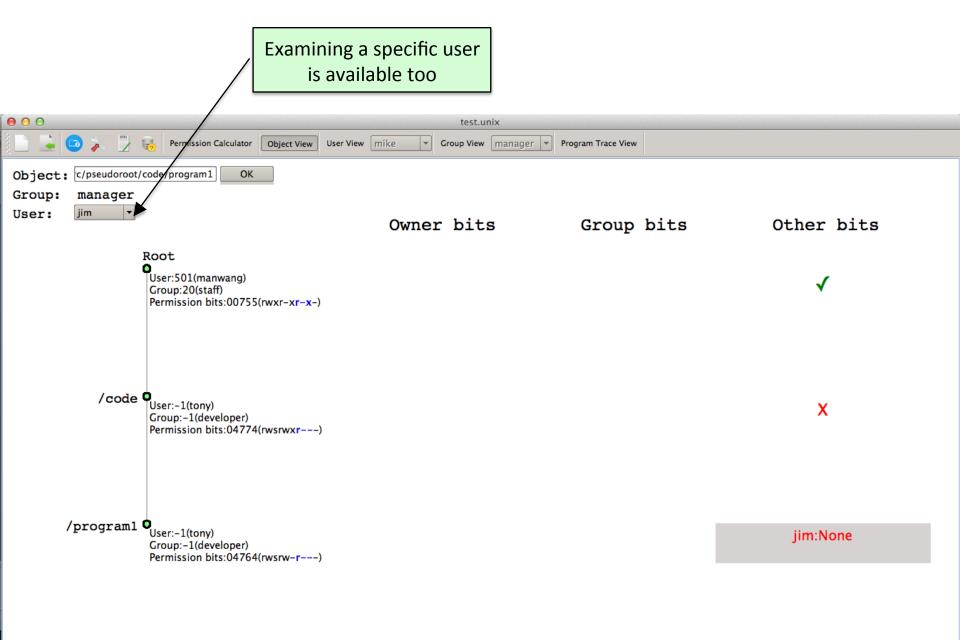




User "root" does not have access to the object.



Hover on a "user(group) permission" tuple in the last row for detailed analysis.



Permission Calculator

