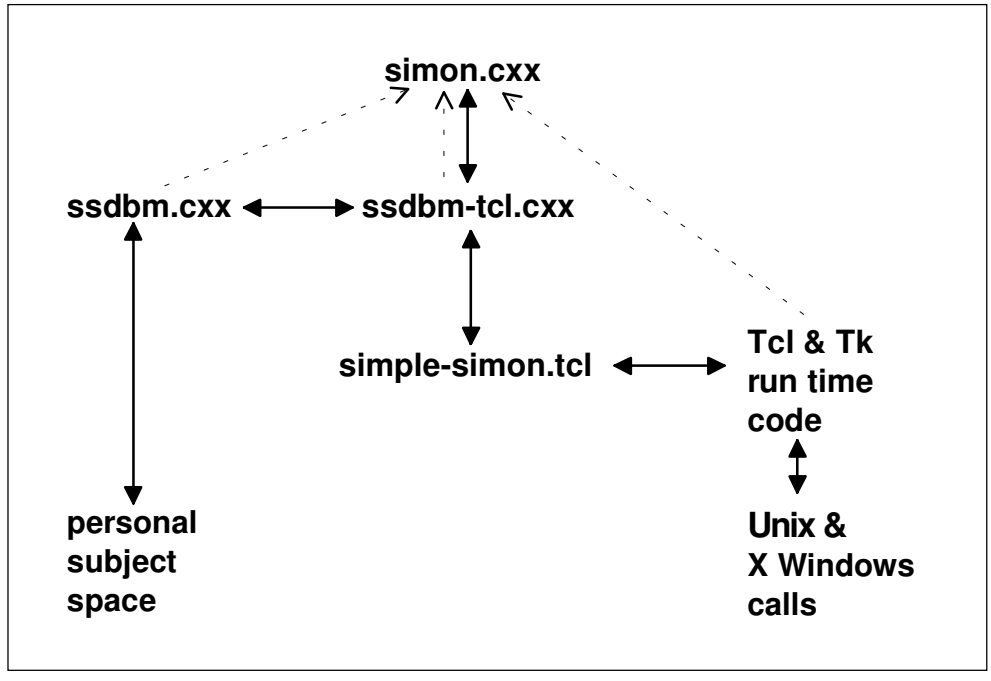
simon

Purpose

This tool is provides a graphical user interface to the facilities of the subject space database manager, for using the personal subject space. It also interfaces to NCSA's Mosaic for X Windows.

Structure



Command Line Options

Simon has several options, the most important are listed below:

-h Gives a help message listing all the options and notes their use.

-mpid <n> The pid (process identification number) of a running Mosaic process to control.

-mhotlist <filename>
Filename for the Mosaic hotlist file to read URLs from.

-file <tcl_filename>
Filename of the tcl command file to run. This file defines the user interface, it should be 'simple-simon.tcl'.

-ss <filename>
The filename of the users subject space.

ssci

Purpose

This tool is a command line interface to the subject space database manager ssdbm. It reads commands from standard in, writes results to standard out, and writes errors to standard error. Ssci uses buffered I/O, but flushes it's output buffers after every result, and so it can be used from the console, or as part of an embedded or batch processing system.

Ssci has a simple but comprehensive command set that allows access to all edit and search operations provided by ssdbm. It's command language is designed to human readable. For example :

resources in intersection 'fun' 'graphics'

is the command that returns the resources in the subject intersection 'fun' and 'graphics'. Spacing is not significant, and every command has a two character short hand, for example, the above command can be written :

ri 'fun' 'graphics'

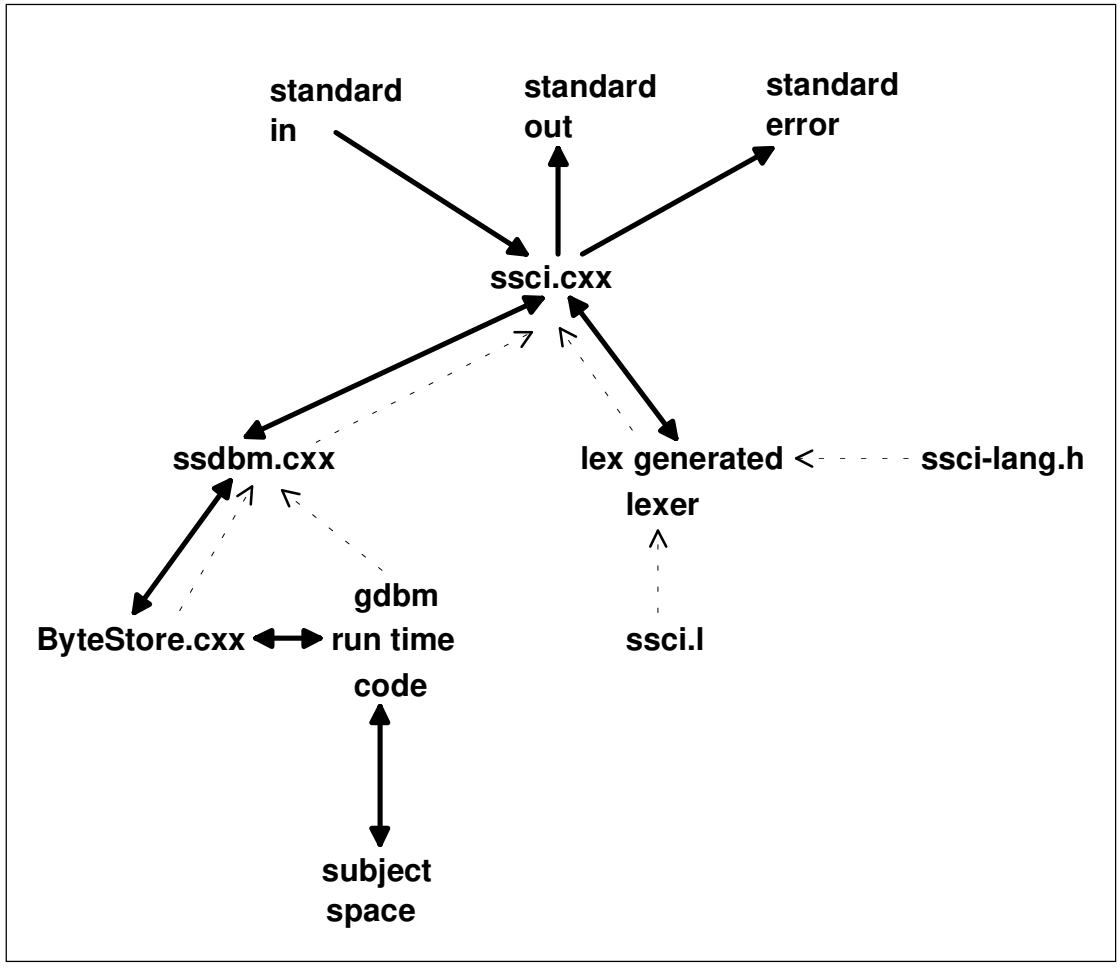
Commands

get resource <url>
new resource <url> <name> <subject> [<subject>...]
update resource <url> <name>
delete resource <url>
new subject <subject>
add subject <subject> <parent subject>
delete subject <subject>
remove subject <subject> <parent subject>
add resource <url> <subject> [<subject>...]
remove resource <url> <subject>
resources in intersection <subject> [<subject>...]
urls in intersection <subject> [<subject>...]
subjects of resource <url>
set subjects of resource <url> <subject> [<subject>...]
parents of subject <subject>
children of subject <subject>
intersectors of subject <subject>
subjects list
urls list
reorganise
text dump

Command Line Options

-ss <filename>The subject space to use

Structure


standard
in
standard
out
standard
error
ssci.cxx
ssdbm.cxx
lex generated
lexer
ssci-lang.h
ByteStore.cxx
gdbm
run time
code
ssci.l
subject
space