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Build Document

Overview and Assumptions

The main class simply loops through input and sends it to the SRI engine through the InterpretLine function. The program will not correct any misplaced spaces - there needs to be no spaces in each clause e.x. Father(A,B) - but SRI will usually throw an error on invalid input. The MakeFile has the following functions:

'make'	:	Compile the program normally (-std=gnu++11)
'make run'	:	Compile and run the program
'make test'	:	Compile the program with TestSRI.cpp instead of main.cpp
'make testrun'	:	Compile and run the program with TestSRI.cpp
'make clean'	:	Remove all executable and object files
'make clean_files'	:	Remove all .sri file
'make check'	:	Run valgrind on the already compiled program

We use the Catch library to do our unit testing, so we have included Catch.hpp.

On design decisions, we have the results of an AND inference pipe through from clause to clause. The alternative to this was to calculate each clause separately and then find the intersection between clauses. We believe our approach to be faster.

Runs on the UCSC unix timeshare.