

**NAME**

ssl - syntax/semantic language preprocessor, for parser description/generation

**SYNOPSIS**

```
ssl [ -TLs ] [ -E Name ] [ -D type ] [ -h file.sst.h ] [ -t file.sst.c ] [ -l file.lst ] [ -e file.entry ] [ -i file.ssl ]
```

**DESCRIPTION**

*Ssl* reads the input S/SL file, and produces C code. It accepts the following options:

- T Trace S/SL processor execution
- L Produce a listing of the S/SL source program with table coordinates in the left margin.
- s Summarize usage of symbol and output tables.
- D *Type*  
Sets type of the S/SL table to *Type*. The default is *int*.
- E *EnumName*  
Sets name of the enumerated type list to *EnumName*, which will have *nilEnumName* as the first item in the enumeration (with a value of -1). The default is no name.
- i *file.ssl*  
Input S/SL program file. The default is *stdin*.
- h *file.sst.h*  
Output C header file with the constant definitions for the program. The default is *'basename inputfile.ssl'.sst.h*.
- t *file.sst.c*  
Output C S/SL program table file. The default is *'basename inputfile.ssl'.sst.c*.
- l *file.lst*  
Output listing of the S/SL program with table coordinates in the left margin, if requested with the *-L* option. The default is *'basename inputfile.ssl'.lst*.
- e *file.entry*  
Entry points file. The default is *'basename inputfile.ssl'.entry*.

**SEE ALSO**

*An Introduction to S/SL: Syntax/Semantic Language* by R.C. Holt, J.R. Cordy, and D.B. Wortman, in ACM Transactions on Programming Languages and Systems (TOPLAS), Vol 4, No. 2, April 1982, Pages 149-178. (The authors may be contacted through the Computer Systems Research Institute at the University of Toronto.)

**AUTHOR**

Translated from Turing S/SL Processor V3.01 by Rayan Zachariassen, Department of Computer Science, University of Toronto, February 1988.

Original code by James R. Cordy, CSRI, University of Toronto, 14 January 1980 (Revised 2 March 1983)