

**NAME**

**ysx** – convert YACC sources to SYNTAX specifications.

**SYNOPSIS**

**ysx** [ **-v** ] [ **-nv** ] [ **-sc** ] [ **-nsc** ] [ **-ln** *name* ] ... [ *filenames* ]

**DESCRIPTION**

**ysx** converts a *yacc*(1) input into a set of files to be used as input for the **SYNTAX**® system. **ysx** assumes that its input has already been fed into *yacc* without giving rise to fatal error messages, and does its best to produce a *yax*(1) specification, together with sources for *prio*(1) and *tdef*(1), if these are needed.

Each file named *filename* contains the description of a given language. A *filename* may be of the form [ *path*/ ] *name.y* where *name* is the name of the described language.

If no *filenames* argument is present, the standard input is read.

If no argument is given, **ysx** prints a short synopsis of its usage and exits with a non null status code.

**OPTIONS**

Options may appear in any order as long as they appear **before** the *filenames*. Only the **last** occurrence of a given option is taken into account.

Default options are such that the command

**ysx** [ *filenames* ]

is equivalent to

**ysx -v -sc** [ *filenames* ]

**-v, -verbose**

Animate the user's screen by displaying cryptic information about what is going on. (Default)

**-nv, -noverbose**

Execute silently.

**-sc, -source**

Produce a file named *name.ys.l*, containing a line-numbered source listing together with possible error messages. (Default)

**-nsc, -nosource**

Suppress the source listing.

**-ln** *name*, **-language\_name** *name*

Force the *name* of the language to be processed. The **-ln** option is mandatory if no *filename* is given.

**FILES**

*name.yax* grammar for **yax** (output)

*name.prio* priorities specification (output)

*name.tdef* source for **tdef** (output)

*name.ys.l* listing (output)

*/tmp/sx\** scratch files

**SEE ALSO**

*yax*(1), *prio*(1), *tdef*(1) and the "**SYNTAX REFERENCE MANUAL**".

**DIAGNOSTICS**

Messages are issued for each situation where the user will have to look to the generated grammar ; error diagnostics are gathered in the listing (if any).

Exit status is 0 if everything is alright, 1 if only warnings are issued, 2 if error messages are issued, 3 for command line syntax errors.