NAME

chsm2java – CHSM-to-Java compiler

SYNOPSIS

chsm2java [*options*] *source-file definition-file*

DESCRIPTION

chsm2java is the Concurrent Hierarchical Finite State Machine compiler for Java.

Unless the **–E** option is used, **chsm2java**, given a CHSM description in *source-file*, produces a Java source file. The file is suitable for subsequent compilation with a Java compiler; however, additional options may need to be given for the compilation to succeed depending on where the CHSM jar file has been installed. The **chsmj**(1) driver script is ordinarily configured to supply the necessary options to the underlying Java compiler; hence, its use is preferred over using **chsm2java** directly.

OPTIONS

–E   Send all the generated Java code to standard output instead of producing the definition file.

–S   Produce semantic stack debugging information. (Such information is useful only to developers modifying the CHSM grammar.) Note: The software must have been compiled with `PJL_STACK_DEBUG` defined, otherwise a warning message is issued and the option is ignored.

–v   Print the version number of **chsm2java** and exit.

–Y   Turn on **yacc**(1) debugging output. (Such information is useful only to developers modifying the CHSM grammar.) Note: The software must have been compiled with `YYDEBUG` defined, otherwise a warning message is issued and the option is ignored.

FILES

chsm_*pid*   temporary file

EXAMPLE

```
chsm2java hello.chsm hello.java
```

SEE ALSO

chsmj(1), **yacc**(1), **chsm-java**(4)

DIAGNOSTICS

The diagnostics produced by **chsm2java** itself are intended to be self-explanatory.

AUTHORS

Paul J. Lucas <*paul@lucasmail.org*>
Fabio Riccardi <*fabio.riccardi@mac.com*>