

FAQ 212

Using Additional Source Files in S-Functions

Question

My model uses a self-written S-function, which references functions from separate custom source files. How can I automatically compile and link custom source?

Answer

If S-functions are used in a model, the corresponding names are automatically incorporated in the list of source files to be compiled during the build process. However, if an S-function uses functions from additional custom source files, these files are not automatically included in the standard build process of the model.

To ensure that the required source files are compiled and linked, you must enter the file names at the `USER_SRCS` macro in the user makefile template `<model>_usr.mk` of the model.

If the source and header files are organized in separate folders, you must also specify the paths at the `USER_SRCS_DIR` and `USER_INCLUDES_PATH` macros.

Related dSPACE HelpDesk documents

- *User Makefile (USR.MK File) in the RTI and RTI-MP Implementation Guide.*

Related FAQs

- -

FAQ Overview

<http://www.dspace.com/go/faq>

Support

To request support, please use the form at <http://www.dspace.com/go/supportrequest>

Updates and Patches

Software updates and patches are available at <http://www.dspace.com/go/patches>.
dSPACE strongly recommends to use the most recent patches for your dSPACE installation.

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