

Program EXT
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EXT extracts data from a TOUGH2 output file and generates TECPLOT preplot input. EXT requires two input files:

- (1) The TOUGH2 computational grid on file MESH
- (2) A TOUGH2 output file (needs flow portion of TOUGH2 output, i.e., set KDATA>1)

EXT creates an output file for each printout time found in the TOUGH2 output file. The output file names have the extensions .1, .2, etc. These files can be used as input data files for TECPLOT

Compilation
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Extract the files from ext.zip.
Compile and link the following files:

ext.f catalog.f inspect.f rmesh.f (cmdargs.f)

(file cmdargs.f needs only be added if system routines iargc and getarg are not available).

Execution
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Provide TOUGH2 grid as file MESH in local directory.
Provide TOUGH2 output file either on command line (Unix) or after prompt (PC). EXT will generate separate files for each TOUGH2 printout time; a number is appended to the TOUGH2 output file name.

If not told explicitly, EXT will assume a 2-D mesh and ignore the direction with the least range and will attempt to compute a catalog of areas from the connections. To tell ext explicitly, use one of the flags '-xy', '-xz', '-yz', or '-xyz'.

You may supply a list of headings (output variables to be extracted) on a single line in a file specified by the flag '-w filename'.
You may supply a list of zones in a file specified by the flag '-z filename'.