Command Reference: RunDSSUTL()

Run the DSSUTL program from the US Army Corps of Engineers

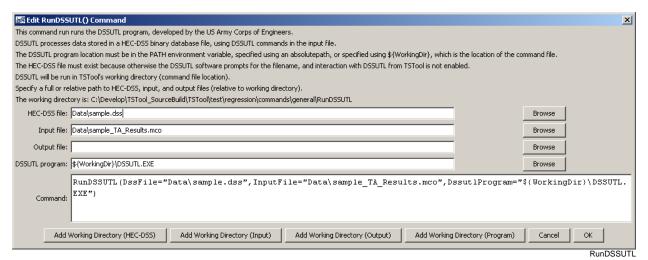
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The Rundssutl () command runs the Army Corps of Engineers' DSSUTL program, which is used with HEC-DSS files. See also the **HEC-DSS Input Type** appendix. This command formats the command line for the program, runs the program, and checks the exit value. A non-zero exit value will result in a failure status for the command.

TSTool internally maintains a working directory that is used to convert relative paths to absolute paths in order to locate files. The working directory is by default the location of the last command file that was opened. The location of the *DSSUTL.EXE* file is determined by the operating system using the PATH environment variable; therefore, use the \${WorkingDir} property in the command line if the program location is not in PATH. Use \" in the command line or arguments to surround whitespace.

It is not clear whether DSSUTL has limits on path or filename length, but if this appears to be the case, use shorter names. If DSSUTL is not provided with correct input, it may go into interactive mode, in which case TSTool may appear to stop when running the command. Currently there is no way to kill the DSSUTL process and TSTool must be restarted.

The following dialog is used to edit the command and illustrates the command syntax. Note that the *DSSUTL.EXE* location is in this case not included in the PATH environment variable and is specified with the DssutlProgram parameter, using \${WorkingDir}. The HEC-DSS and input files are relative to the working directory.



RunDSSUTL() Command Editor when Specifying Command Line

The command syntax is as follows:

RunDSSUTL(Parameter=Value...)

Command Parameters

Parameter	Description	Default
DssFile	The HEC-DSS filename as an absolute path or	None – must be
	relative to the working directory. The file must	specified.
	exist because TSTool does not interface with the	
	DSSUTL interactive mode prompts. The	
	parameter is passed to DSSUTL using the	
	DSSFILE= command line argument.	
InputFile	The DSSUTL command file to run. The file must	None – must be
	exist because TSTool does not interface with the	specified.
	DSSUTL interactive mode prompts. This is	
	passed to DSSUTL using the INPUT= command	
	line argument.	
OutputFile	The DSSUTL output file, which contains logging	Not required by
	information. This is passed to DSSUTL using the	DSSUTL.
	OUTPUT= command line argument. Specifying	
	the argument will cause output to be printed to the	
	file and not the screen. Note that some DSSUTL	
	commands write to other output files, which	
	should not be confused with the output file for this	
	argument.	
DssutlProgram	The DSSUTL program to run.	If not specified,
		DSSUTL.EXE must be
		located in a directory
		listed in the PATH
		environment variable.