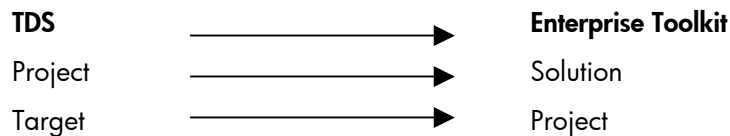




TDS to ETK Migration Tool frequently asked questions

Terminology

To help clarify the terminology and product names used in this document, keep in mind that the Tandem Development Suite (TDS) is an extension to the Borland C++ workbench (version 5.02), whereas the HP Enterprise Toolkit—NonStop Edition (ETK) is an extension to the Microsoft Visual Studio .NET. Each product subscribes to the terminology of the package it plugs into. Users might find the following mapping useful while reading this FAQ, the Enterprise Toolkit built-in Help, and other related documentation (see figure).



Does the migration tool require the Enterprise Toolkit?

No. The migration tool is a TDS plug-in and does not need Enterprise Toolkit to migrate TDS targets to Enterprise Toolkit projects. However, to use the generated Enterprise Toolkit projects, users must add them to an Enterprise Toolkit solution; the Enterprise Toolkit solution could be a newly created empty solution or an existing Enterprise Toolkit solution.

Can multiple TDS targets belonging to one TDS project be migrated to an Enterprise Toolkit solution in a single step?

No. Each TDS target must be migrated individually. Note that the migration involves creating one Enterprise Toolkit project file (.nsproj) per TDS target; migration does not create an Enterprise Toolkit solution.

How does the TDS to ETK Migration Tool handle targets other than a NonStop system target?

The tool does not migrate targets other than NonStop system targets. It is not a general-purpose tool to migrate Borland targets to Visual Studio .NET projects.

How does the TDS to ETK Migration Tool handle TDS transfer macros?

The TDS recognizes certain macros, which are expanded to the actual values when required. The TDS to ETK Migration Tool maps the TDS macros to the equivalent Enterprise Toolkit macros; for example, the \$INC macro is mapped to \$(DefaultIncludeDir). When the tool cannot find the appropriate mapping, a warning message is logged in the log file and the macro is migrated as it is.

How does the TDS to ETK Migration Tool handle file types that are unknown to the Enterprise Toolkit?

As part of the migration process, the tool ensures that all the files pertaining to the TDS target remain part of the generated Enterprise Toolkit project. However, file properties for file types that are unknown to the Enterprise Toolkit are not migrated. For every such file type, users must explicitly add these files properties in the Enterprise Toolkit. The TDS to ETK Migration Tool supports the following file extensions: .cpp, .c, .cxx, .tal, .cob, and .cbl.

What is the TDS Node Type feature and how does the TDS to ETK Migration Tool handle it?

In the TDS project system, a file type can be independent of the file extension. For example, there can be a *file1.cpp* file with the file type set as .cob. In this case, although the file has a .cpp extension, it behaves as a COBOL file and is recognized as such by the COBOL cross-compiler for compilation. In the Enterprise Toolkit project system, file type information is derived solely based on the file extension; for example, Enterprise Toolkit will always treat *file1.cpp* as a C++ file. For the tool to preserve file semantics while migrating TDS targets, there cannot be any file in the TDS target that has a mismatch between its extension and its type. On encountering the first such file, the tool generates an error and reports it in the log file. The TDS target is not migrated.

How are the migrated files organized in the generated Enterprise Toolkit project?

An Enterprise Toolkit project can have multiple folders—these are *logical* folders that point to files from one or more physical folders. Typically, the project files are organized in the Enterprise Toolkit folders based on the file extension. By default, the generated Enterprise Toolkit project has two folders: Source Files and Header Files. The files from the TDS target are distributed into these folders based on the filter property set for them. Users can modify the filter property of a project folder to specify where specific types of files should reside.

Does the migration tool preserve the PC to NonStop system file mapping of the TDS target?

Yes. Subsequently, users can change the mapping for one or more files of the generated Enterprise Toolkit projects.

How is the log file named and where is it located?

The log file is named <TDSTargetName>_ETKExportlog and is located in the same folder where the Enterprise Toolkit project file is generated. This location is also displayed on the TDS to ETK Migration Tool result box that appears after the migration tool completes the task.

What do users need to do post-migration?

The migration tool does its best to take an existing TDS target and automatically generate a comparable Enterprise Toolkit project. It is, however, strongly recommended that users verify the accuracy of the generated project.

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