



- Simple Document Register
- Project Information
- Document Information
- Document Revision History
- Title Block Generator for MicroStation V8
- Report Generator

The TurboTable™ Document Register Editor provides a means of maintaining a register file of documents and revision data for each document. The TurboTable plug-in for MicroStation V8 uses the same register file to generate drawing title blocks automatically.

All documents used in a project are registered in a project register file using the editor shown above. The Register Editor allows you to add a document to a project, with some brief comment, and subsequently revise the document. It maintains a revision list for each document.

TurboTable's MicroStation V8 plug-in uses the same project file to create a drawing title block. The appearance of the title block is entirely under your control. Three MicroStation cells contain the text and graphics that describe your title block standards. You can include arbitrary text and graphics elements, using any symbology, as well as AutoText™. TurboTable automatically substitutes AutoText fields with project, drawing, and revision data.

TurboTable uses a single registry file per project, which stores details of multiple documents, and has no additional database or spreadsheet requirement. It's easy to reformat the registry as an HTML page for instance availability as a web page on your office server.

Document Register File

The document register is a modest text file in XML format. It contains one section of project information, and one or more sections of document

The devil is in the detail

TurboTable™
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TurboTable Demonstrator

TurboTable provides two facilities: a *Drawing Register Editor* for Windows, and a *Title Block Generator* for MicroStation V8. The Drawing Register Editor lets you add and edit information about drawings to the register file. The Title Block Generator is a plug-in for MicroStation that uses the register file to create an annotated title block.

Example Drawing

TurboTable uses the revision data below to create a drawing title block automatically

Revision List for 'Example Drawing'

Code	Date	Revision Reason	Cell Name
AE	10-Jul-03	TurboTable Available!	BODY
AD	02-Jul-03	Wark blots reversed	BODY
AC	10-Nov-02	Normalised regression sprockets	BODY
AB	23-Feb-02	The latest Whizz-Bang	BODY
AA	22-Jan-02	Norbut revision	BODY

information. Each document has in turn a revision section that contains one or more revision details. Since the register is an XML file, you can use XML tools to extract information from it and to transform it into another format using an XSLT stylesheet.

Typically, an office application can read an XML file and subsequently save it to native format. Compatible applications include spreadsheets and databases.

Document Register Editor

The editor provides an intuitive way of adding, editing, and removing documents from the project register. Each document's revisions are displayed in a list. When you revise a document, the editor automatically generates a new revision code and date, and prompts you for a revision reason.

Document Register Report

The register file can be presented in various formats quite easily. The XML data are transformed using an XSLT stylesheet. An example is the register report generator, built-in to the Document Register Editor. This uses a stylesheet to produce a document register report in HTML format, ready for instant access by your colleagues.

TurboTable Demonstrator Drawing Information Plot Date: **Mon, 14 Jul 2003**

Drawing: Example Drawing

Author: JP Summers

Code: AE Date: 10-Jul-03
Reason: TurboTable Available!

Code: AD Date: 02-Jul-03
Reason: Wark blots reversed

Code: AC Date: 10-Nov-02
Reason: Normalised regression sprockets

Code: AB Date: 23-Feb-02
Reason: The latest Whizz-Bang

Code: AA Date: 22-Jan-02
Reason: Norbut revision

Created: 19-Jan-2003

Notes: Document Register using XML

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For more information, contact your preferred supplier or LA Solutions

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