



Code Generation Using Visual Studio's T4 Templates



Guy Smith-Ferrier
guy@guysmithferrier.com

Blog: <http://www.guysmithferrier.com>

T4 Templates

- T4 is an abbreviation for
 - Text Template Transformation Toolkit
- T4 is included in Visual Studio 2008
- T4 is included in the Visual Studio 2005 SDK

Command Line Tools

- Download from <http://msdn.microsoft.com/en-us/library/bb126461.aspx>
 - TextTransform.exe
 - Command line tool for generating code from templates
 - DslTextTransform.cmd
 - Domain Specific Language script that calls TextTransform.exe

Resources

- Gareth Jones' blog
 - <http://blogs.msdn.com/garethj/>
- Clarius T4 Editor
 - <http://www.t4editor.net>
- Oleg Sych's collection of T4 resources
 - <http://www.olegsych.com/2007/12/text-template-transformation-toolkit/>
- David Hayden's T4 Guidance (including T4 screencast)
 - <http://www.pnpguidance.net/Tag/T4.aspx>