

SOURCE CONTROL & INSTALLATION TOOL ^{SCIT}

ONLY FROM



Swordfish Group are pleased to bring you the Source Control and Installation Tool – bringing streamlined source control and installation to T24.

What's the problem we're solving?

T24 is not an application where local enhancements can be simply compiled into a single executable. It's more complicated than that!

So for a single local development you can end up with hundreds of records and jBC source code routines.

THE PROBLEM

The installation of these records is time consuming and generally not a simple repeatable process. The dependencies between records is complicated and it can be difficult and tiresome to get all of the necessary records authorized. COPY.RECORDS.IHLD, DL.DEFINE and BUILD.CONTROL have all tried to fill this gap but none really manage it in a truly effective way.

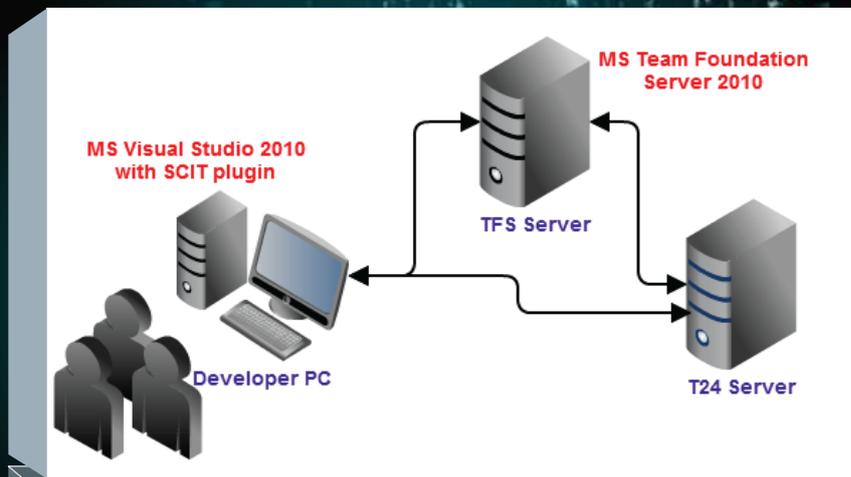
In addition there is no source control within T24, so when a program is changed there is no record of who changed it or what it looked like before that change. This can be extremely frustrating when diagnosing issues.

THE SOLUTION

The Swordfish Source Control and Installation Tool (SCIT) brings together T24 and Microsoft Team Foundation Server. In addition the SCIT product brings the SCIT installer which resolves the issues with the actual installation of routines and records.

ARCHITECTURE

The solution uses web services and the jBase agent process to communicate with the T24 server, together with Microsoft's Team Foundation Server.



SCRIPTING TOOL

Often when implementing a new requirement the developer will provide additional instructions, so install all of the objects then update this field on the COMPANY record or run this conversion program. Typically these are documented in a Word document. But, inevitably these are missed or incorrectly implemented. The SCIT scripting tool resolves these issues by allowing the developer to create a script which will be run when the development is installed.

The scripting tool allows the developer to carry out the following actions:

- Update/delete/authorize/verify one or more records using OFS – including a plugin so that the OFS can be dynamically generated
- Rebuild STANDARD.SELECTION fields
- Create directories/files (FILE.CONTROL based files are automatically created when the FILE.CONTROL record is installed anyway)
- Create VOC entries
- Resize files
- Execute programs/scripts
- Run subroutines within T24 (ie type M routines)
- Recompile routines (so if an update to an INSERT file is included any which reference that INSERT can be recompiled)

INSTALLER

So when you've got a package to install, be it just a couple of routines and records from a single developer or tens of thousands of records as part of a large release the installation process is, predictably the same.

The simplest way is to use the install label option from within Visual Studio, simply select the environments you wish to install into and the labels to install. SCIT will then launch the process on the appropriate environments.

Alternatively you can launch the process from the TAFC command line. Simply type in the install command and off it goes. The installer takes care of all of the following:

- Installing routines
- Creating any new source directories
- Compiling those routines
- Creating any new files needed as a result of FILE.CONTROL records
- Installing application records utilizing OFS to authorize the records so data integrity is maintained
- Running any of the scripts which have been included with the release

Swordfish Group was established in 2006 as an IT consultancy company specializing in support and consultation to the financial services industry.

We have spent the past 8 years specializing in the implementation, support, upgrade and ongoing development of Temenos T24. This has been from a business analysis, specification and development point of view on ad-hoc or major, ongoing projects such as:

- Migration from another banking system
- Implementation of a new Temenos module
- Creation of a new entity on an existing platform
- Launching of a new product
- Implementation of a wide variety of interfaces with other external or internal systems

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