This document explains how to build Tx

Framework bits:

* + Build the solution Rx\Tx\Development\Source\Tx.sln for Debug
  + To set up LinqPad, you also need to call Rx\Tx\Development\Source\devsetup.cmd
  + To clean up call CleanTx.cmd

Setup (.msi and NuGet)

The only way to build the setup is by queuing new build.

* + In the Team Explorer right click on Builds\Tx\_Dev\_Daily -> Queue New Build…
  + In the popup click Queue

Good starting point to understand the wix code is Setup\Modules\Samples.wxs

The .msi shows up in directory like this:

\\tesla-drop\Builds\Tx\Dev\Tx\_Dev\_Daily\1.0.10705.5\Setup\Unsigned\Release\Packages

The build says “Failed” but it produces good .msi.

The real criterion of success is that the only error is this:



The NuGet packages show in directory like:

\\tesla-drop\Builds\Tx\Dev\Tx\_Dev\_Daily\1.0.10705.5\Setup\Unsigned\Release\NuGet

To make a new drop, please copy both the msi and the Nuget packages to

[\\varmints\public\georgis\TxDrops](file:///\\varmints\public\georgis\TxDrops)

To update the samples:

* Check out Introduction.zip and LINQPad.zip in Setup\Modules\Samples
* Run PackSamples.cmd

Documentation

Install these tools:

* + Sandcastle install from <http://sandcastlestyles.codeplex.com/releases/view/86091>
  + GUI tool from <http://shfb.codeplex.com/>

Open the project in Tx\Development\Help, and use the GUI to build .chm

It goes here Tx\Development\Help\Help\Documentation.chm

Rename this to TxHelp.chm and replace the one in Source\Setup\Modules\Setup

To check the documentation sources

* Package the everything in Development\Help without Help\Help and check it in as zip file
* Check this in as TxHelp.zip

To rebuild the code snippets, use the tool Development\Source\Tools\SnipGen