## SVN repository

Main branch: svn://172.16.16.10/addq/gsharp/trunk

1.7.x versions in LabVIEW 2014: svn://172.16.16.10/addq/gsharp/branches/G# Framework 1.7.x (LV2014)

## Repository layout

## ....

## Working with G#IDE

Use bat file to create symbolic links to repo. Warning, risk of crosslinking. Write-protect can be a good thing. In bat file, change “set folder=C:\Projects\GSharp\trunk” to your project.

Use LabVIEW>>open, point to proj file (C:\Program Files (x86)\National Instruments\LabVIEW 2014\resource\Framework\Providers\addq\G#IDE\AddQ\_G#IDE.lvproj). Do not use repo path, will lead to crosslinking.

**Password protected files.** Passwordis last entry in C:\Projects\GSharp\trunk\Doc\PWG#.txt

## G#IDE development testing

IDE loads in a LabVIEW instance. Behaviour…

Start testing instance of labview with development instance opened.

Debugging the IDE. One shot, strange behavior, probing, Setting breakpoints. Freezing, crashing

G#Readme-file. Keep updated as you code. Use issue number

## Jira project

http://172.16.16.21:8090/browse/GS

* How to Create and use version in Jira
* How to Create and follow issue
* How to use release notes
* Issue number tracking SVN – Jira

**Project provider documentation** \doc\NI

**Project provider community** <https://forums.ni.com/t5/Developer-Center-Resources/Customize-the-LabVIEW-Project-Explorer-Using-the-Project/ta-p/3532774>, <https://forums.ni.com/t5/LabVIEW-Project-Providers/gp-p/bymqyodmkc>.

G# Framework vs G# versions.

Om du editerar existerande kod, tank på att det måste vara bakåtkompatibelt.

Documentation shall exist on VI and all controls.

**Editing help files**

**Use commit message in SVN**

**Releasing**

**Distributing**

Use \Tools-folder

**Building VIPM package**

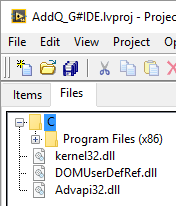
Copy G#Framework to VIPM folder. Relink everything in this folder to this folder.

**Verification**

172.16.16.17, login: Peltor, test. VM-maskin ”Windows 7 LabVIEW 2016 beta”. Dator som testar G#.

**G#UML**

**Checklist for a release.**

* G# Framework Readme-file:
  + Date and version
  + Supported versions
  + Supported Windows/OS version
  + Copyright years, two locations in file
  + New framework version, new G# version?
* Set version on G# and G# framework in LV
  + Framework: G#IDE.lvlib:SupportLib.lvlib:Version.vi
  + G#: G#Object.lvclass:G#Object\_GetRootClassVersion.vi
  + G#: G#Object class file: Provider\_TemplateVersion property
* Set copyright year.
  + G#IDE.lvlib:SupportLib.lvlib:Dialog\_VersionInformation.vi
  + Readme-file
  + License text in installer
* Helo file:
  + U
* Check crosslinking. Open G#IDE-project and check paths . All files must be saved linking to this location.
* -
* -
* Manual check of every change in changelog
  + For zip release
  + For VIPM release.
* Install and use VIPM.
* Install and use from zip.
* Project provider “bootcamp” for uploading to NI Tools network. (David Ladolcetta)
  + https://basecamp.com/2299158/projects/4706160/
* Zip till hemsida
* Announcement på G#-forum
* Mer makrnadsföring vore bra. NI days, CLA summit, andra forum...

Tips:

* Om h-klick i projektmenyn gör att LV fryser, ta bort vissa andra project providers. Är nog Actor Framework-providers som gör så.

Fler kontakter

* Robert des Rosier på NI.