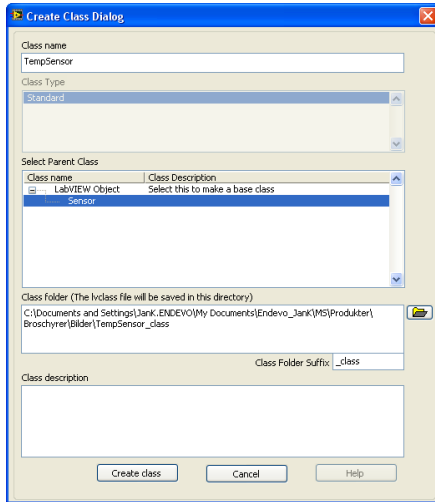


GOOP Development Suite – Professional Edition

Symbio tools provides full support for object oriented programming which include streamlined development, easier maintenance and support for reuse

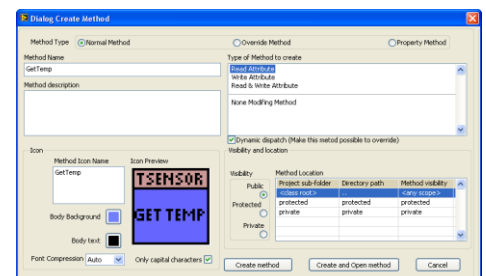
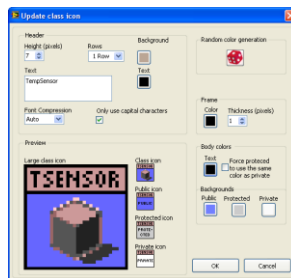
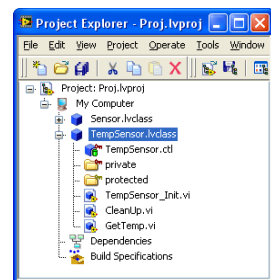


The GOOP Development Suite is integrated in the LabVIEW project environment.

This tool enhances the built-in tool features for LabVIEW object oriented programming. It also extends the design capabilities of LabVIEW by adding support for 3rd party object oriented architectures (a.k.a. GOOP).

With the LabVIEW built-in classes, you get what is known as by-value behaviour, they behave like a cluster. With a wire fork, you get two instances of an object. With the GOOP 3 addition, you get objects by reference and can control when objects are created and destroyed. Combining both these models gives you great flexibility in designing your LabVIEW application.

The tool enhances LabVIEW features to make your development more efficient. Automated icon editors are available for both classes and standard VIs. Support for method VI templates and class templates allow you to customize your own classes.



Class Creation

- Class creation wizard
- Class creation from selected template
- User defined custom class templates
- Plug-in class architectures

Plug-in Class Architectures

- LabVIEW classes
- Endevo GOOP 3 – by-reference architecture based on un-initialized shift registers.
- Open Queue Based Template – by-reference architecture, open source and based on LabVIEW queues.
- Plug-in based support for class architectures

Class Maintenance

- Rename class
- Change inheritance
- Rename method
- Clone class
- Clone method

Icon Editors

- Automates icon creation and maintenance

About Symbio

We develop and perform quality assurance on critical products and systems for intensive development companies with high quality requirements. We invented GOOP and provide services, tools and training focused on GOOP.