Opening the source code of Philcarto Basic 2026

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The open source code of **Philcarto Basic 2026** is now available (November 2026) on the website https://philcarto.eu

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The **Philcarto Basic 2026** version differs from the **Philcarto 2026** version. The source code for the MULTIV module is not provided in **Philcarto Basic 2026**. Therefore, the following treatments cannot be carried out: Principal Component Analysis, Correspondence Factor Analysis, Hierarchical Ascending Classification, Orderable Graphical Matrix. The rest of the program, especially the CARTO and EXPLO modules, remain fully present in the open source code.

Let us recall that the executable version of **Philcarto 2026**, which can be downloaded from the website https://philcarto.eu, remains available to all non-programmers, including those from the MULTIV module.

The source code of **Philcarto Basic 2026** is provided as a project for VisualStudio Community in the .NET10 environment. Therefore, you only need to install VisualStudio Community on a PC running Windows11 to modify the source code at your convenience and recompile it..

In this project, all the necessary resources are provided, including the Dynamic Link Libraries (DLL) of the ogr2ogr software needed to read files from geographic information systems. ogr2ogr is one of the programs of the Geospatial Data Abstraction Library (GDAL), also licensed under MIT:
https://gdal.org/en/stable/license.html

Another DLL, Terrain14, whose author is Fabio Guerrazzi, is provided in compiled form. This is a reduced version by me after purchasing the source code from the author. This DLL allows, in this reduced version, to calculate isopleths and isolines. The DLL was "obfuscated" with the software Obfuscar (3.0.0-beta22). This tool "confuses" the DLL's

source code so that humans and automated parsers cannot easily read, copy, or reverse-engineer it. Thus, the copyrights of Fabio Guerrazzi are preserved.
The source codes are extensively commented and highly structured, which makes them easier to read. It remains true that **Philcarto** is a relatively complex software, developed over ten years and which presents different "layers of technicality" corresponding to the progress of its sole author in computer programming. The software was extensively improved from 2024, when switching to VisualStudio.NET which was not compatible with previous versions of this development system. This provides a relative guarantee of sustainability of the published source code (at least for a few years).

All resources required for the execution of the programme are included in the folder *Philcarto Basic 2026 X64 .NET10 Version 2026 A\bin\net10.0-windows7.0*

The installation program was made with Setup2Go 1.9.11, a software that, although old, still performs this task perfectly. Another, more modern software can be used by new developers. The installation script *Phildigit installation.s2g* will be of some use for this.

Given his age, the author can no longer guarantee major developments in the years to come. Nevertheless, later versions of **Philcarto 2026**, or adaptations to future development environments, can still be made. Any contribution (bug fixes, code reformulation, optimizations and others) will be received with interest by Philippe Waniez in order to further improve the executable program which, let us remember, is usable by everyone for free. Write to forumphilcarto@free.fr

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Made to assert what is right, in Strasbourg, on October 26, 2026

Official website: https://philcarto.eu

Translation: Reverso software on line https://www.reverso.net/