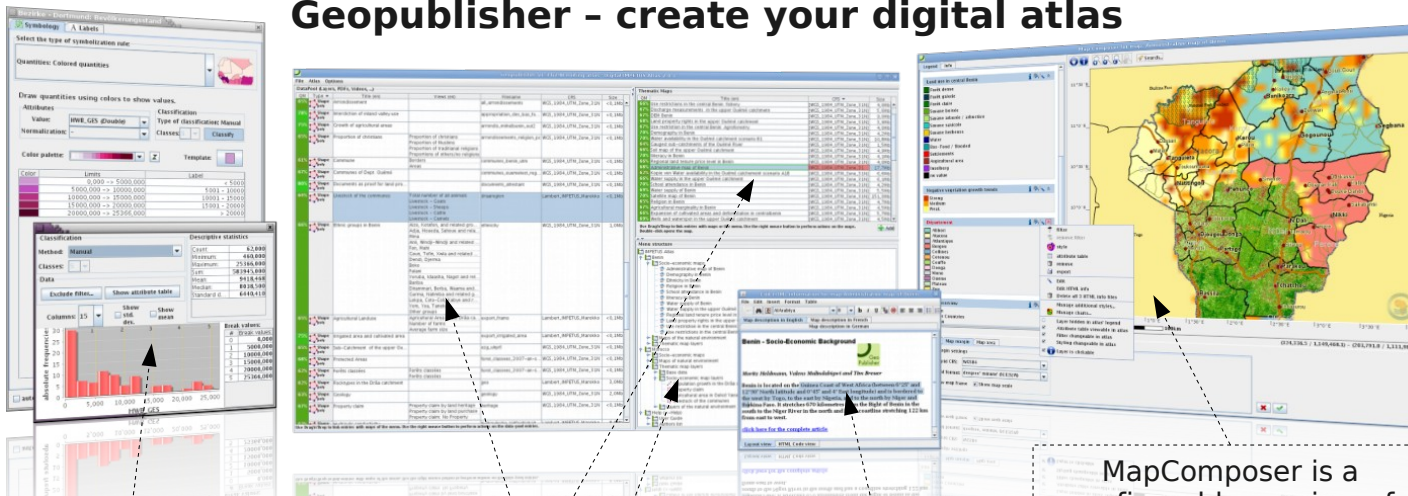


Geopublisher - create your digital atlas



AtlasStyler SLD editor for styling and classification

Data-pool, map-pool and menu-tree visualize data, maps and navigation of the current atlas.

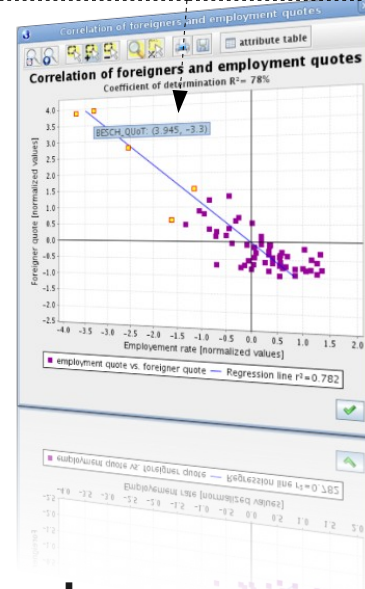
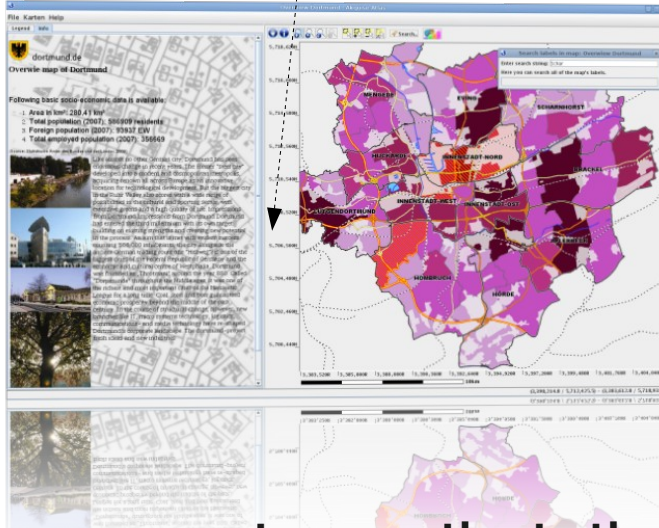
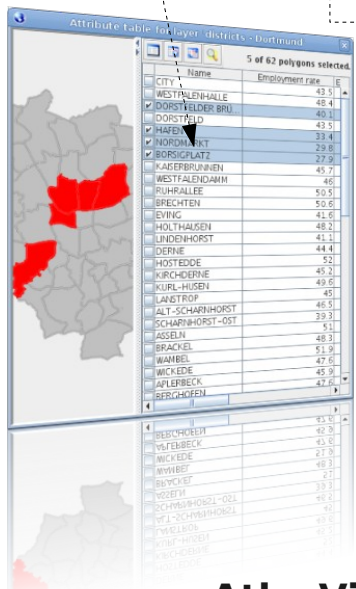
WYSIWYG HTML editor to create context information

MapComposer is a configurable preview of how a map will look like in the resulting atlas. Layer order and appearance, charts, and more can be setup here.

Atlas main window shows a map on the right and a legend or context information on the left side. Additional maps can be accessed from the menu or by clicking links. Where meaningful, the end-user can filter data, view charts, change classifications, export data, ...

Attribute table view shows only selected and localized columns to the end-user

Interactive charts show statistics and selection of data points is linked synchronized with map and attribute table



Geopublisher is an **atlas authoring system** which allows easy publication of **geo-data, documents, images, videos, and statistics** in form of **digital multimedia atlases**. These atlases can be understood as minimal, pre-configured end-user GIS which offer selected **functionality only where it is meaningful**.

Geopublisher provides tools for **quality assurance** and **multi-lingual meta-data management**. No in-depth knowledge of HTML, SLD or XML is required to create an atlas. Atlases can be **directly published on CD, DVD, memory stick, external hard-drive or the Internet**. The software is platform-independent and **Open-Source**.

Download it at geopublishing.org

AtlasViewer presents your atlas to the end-user

Geopublishing.org software has some **unique features** which make it especially applicable in the fields of international research, participatory GIS, capacity building, and development cooperation. These features include:

- Atlases created with Geopublisher are **simplified end-user GIS** with selected functionality available only where it's meaningful.
- **Hybrid online and offline** atlases make geo-data accessible in areas beyond the digital divide.
- **Multilingual management of meta-data** avoids redundancies and allows for the quick release of updated atlases.
- Integrated **WYSIWYG** editors for **SLD** and **HTML** allow geopublishing without knowledge of SLD, XML or HTML.
- All software is **Free and Open-Source** Software compliant with OGC standards.
- **Geopublisher + QuantumGIS** + OpenOffice provide a free Open-Source Geopublishing desktop.

Detailed feature list available at:

Atlas publication work-flow

Experience gained during the creation of atlases for joint-research projects showed that they all share a common workflow. The amount of time needed to collect and manage data and meta-data from various sources must not be underestimated. Additionally, the non-linear nature of an interactive atlas and its translation into multiple languages opposes a great challenge to quality assurance.

Geopublisher supports all five steps of atlas publication:

1. data collection & homogenization
2. create maps & structure
3. internationalization (optional)
4. quality assurance
5. publication online and/or offline.

Technical details:

- Platform independence: developed in Java, Geopublisher and its atlases run on Mac OS, Windows and Linux.
- Styling based on **OGC SLD** standard.
- Offline atlases run directly from any media - Java does not have to be installed.
- Supports tiled image pyramids for **big raster data**.



The **project web page** at www.geopublishing.org features documentation, online **tutorials**, user and developer mailing list's, and the **Geopublisher blog**, as well as a collection of publicly available demo atlases.

Geopublishing.org offers all software for free and follows an Open-Source business model: *Use the software for free - pay for extra services you need.*

Bonn-based company **wikisquare** provides commercial **support**, including **trainings**, special feature development, online atlas hosting and **complete atlas creation**.

wiki 

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Printed on 100% recycled paper because sustainability is not just a buzz-word!

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