MARBLE A Virtual Globe For People

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Motivation

- Users of Free Software need an easy to use geography application that can be used to look up places and to learn about geography

- Developers need a good generic free software cross plattform widget to display geographical data in a way that appeals to casual users.

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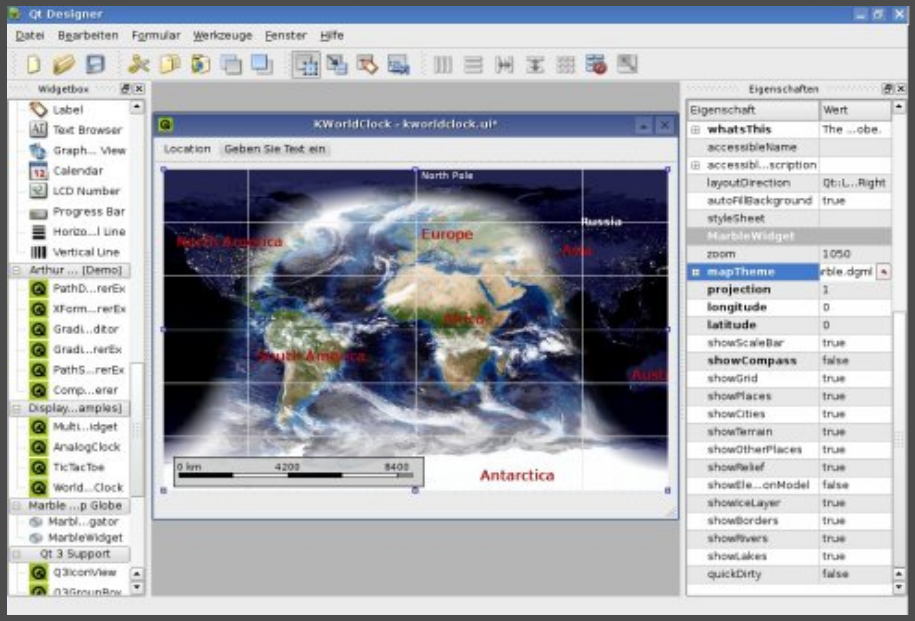

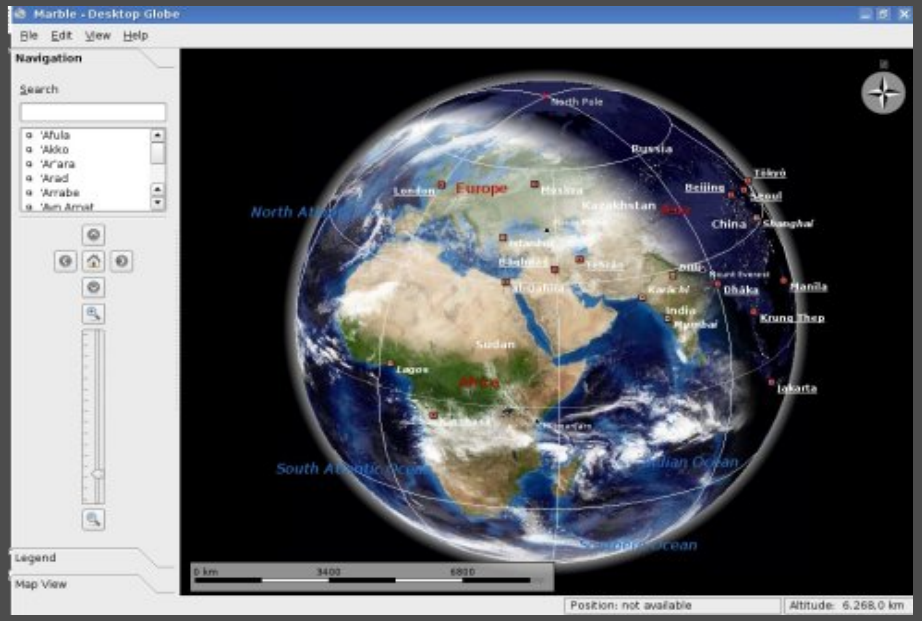

- Qt-Designer integration, Marble Widget, KPart

Examples of Use

- KDE Control Center (personalisation, timezones)
- KDE-Edu (Marble Desktop Globe, KStars)
- KDE-PIM (Kontact, KAddressbook, Kopete)
- KDE Games (Risk)
- Others: ktraceroute, ...

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Examples of Use

- KDE Graphics (digiKam 10)

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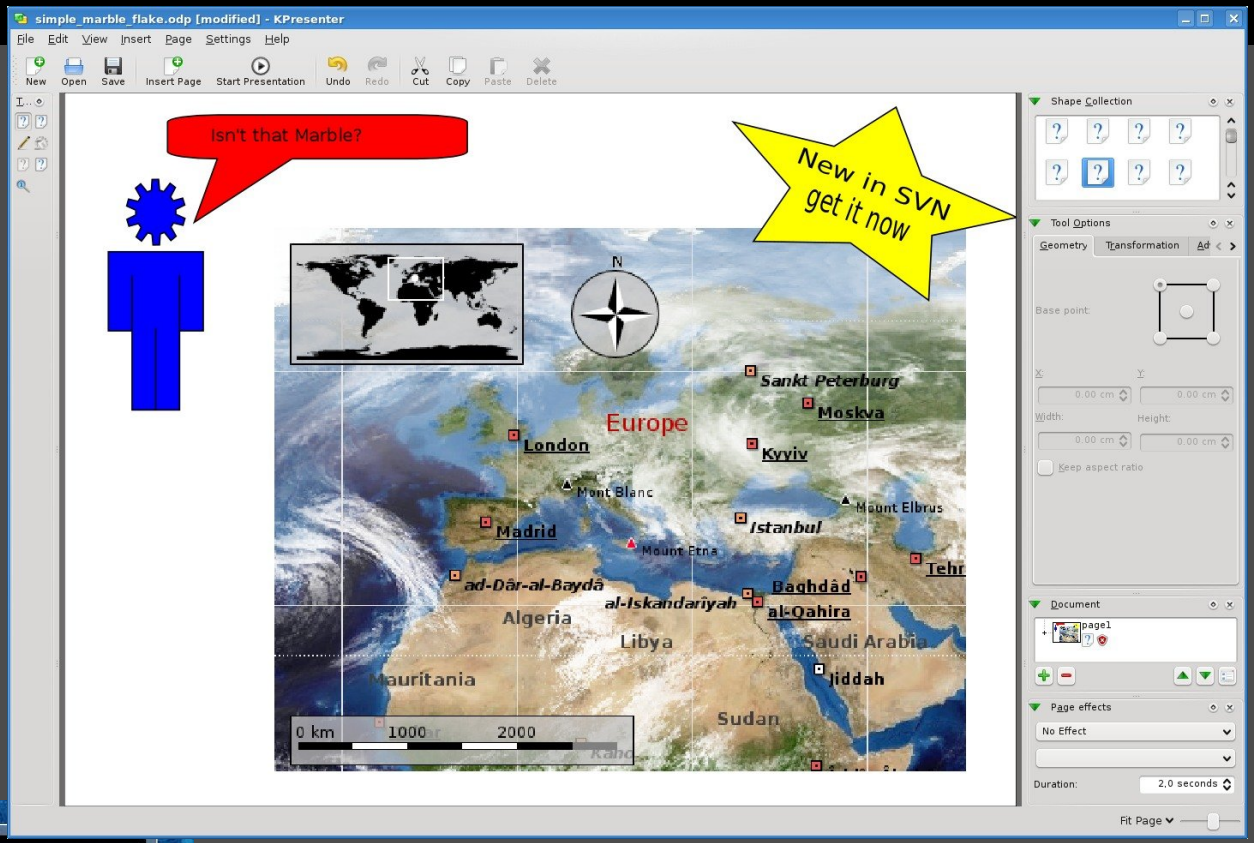
Examples of Use

- KOffice 2:
- flake shape in any KDE office application



KDE 4

KWorldClock

Plasmoid

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Requirements of Marble Widget

- Marble uses a decent minimal free dataset that can be used offline (10 MB)
- Download data from the internet on demand, Wikipedia integration, OpenStreetMap
- Runs well without hardware acceleration (no OpenGL so far)
- No dependency except for Qt4.3
- Startup time about 2-5 secs, fast

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http://www.yet-another-geek.org

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- Plattforms
- Linux, Unix
- Part of KDE-Edu in KDE 4 & Qt4 only
- MacOS X,
- MS Windows
- Qtopia, WinCE

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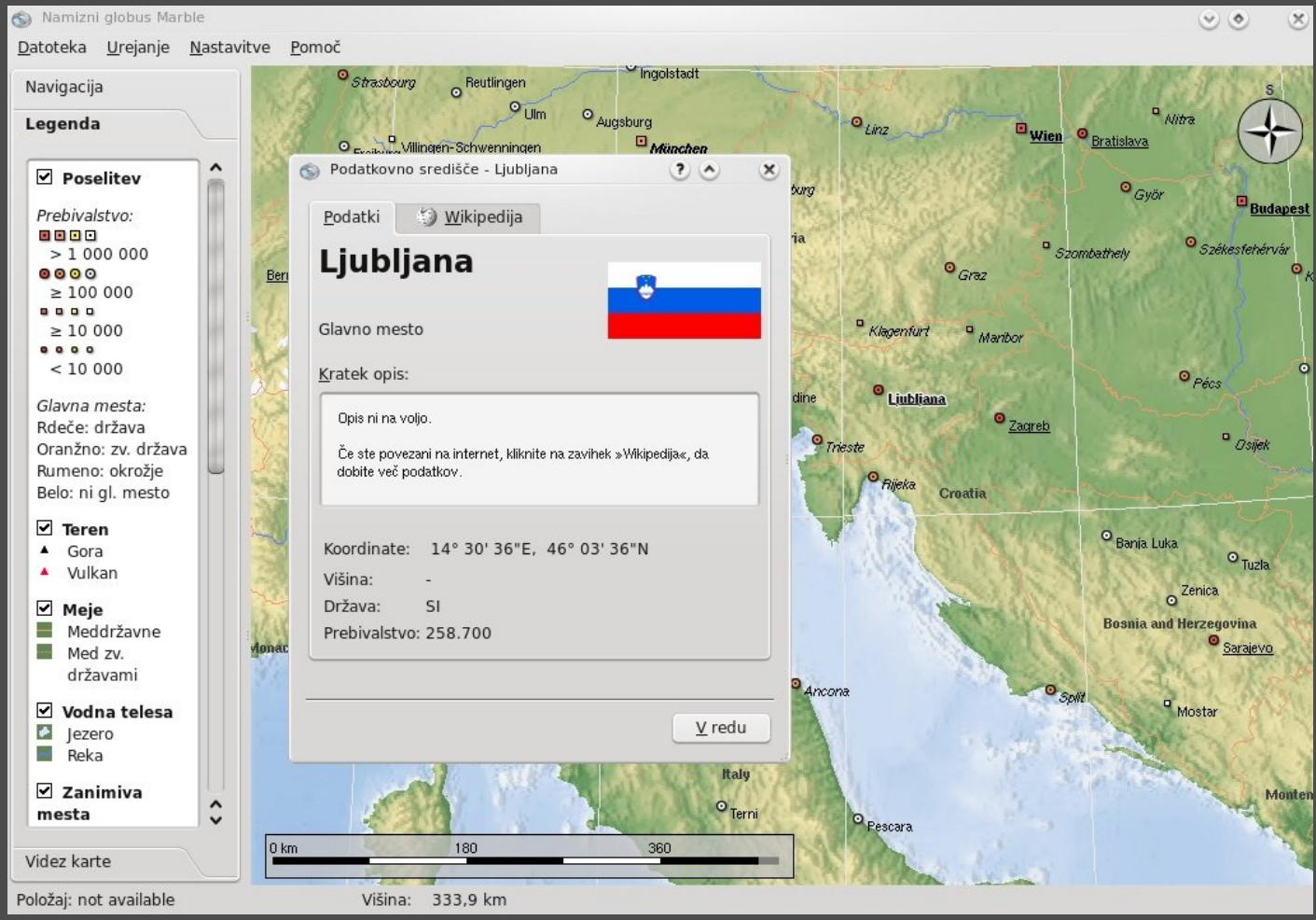

Marble 0.5 is available in 27 languages

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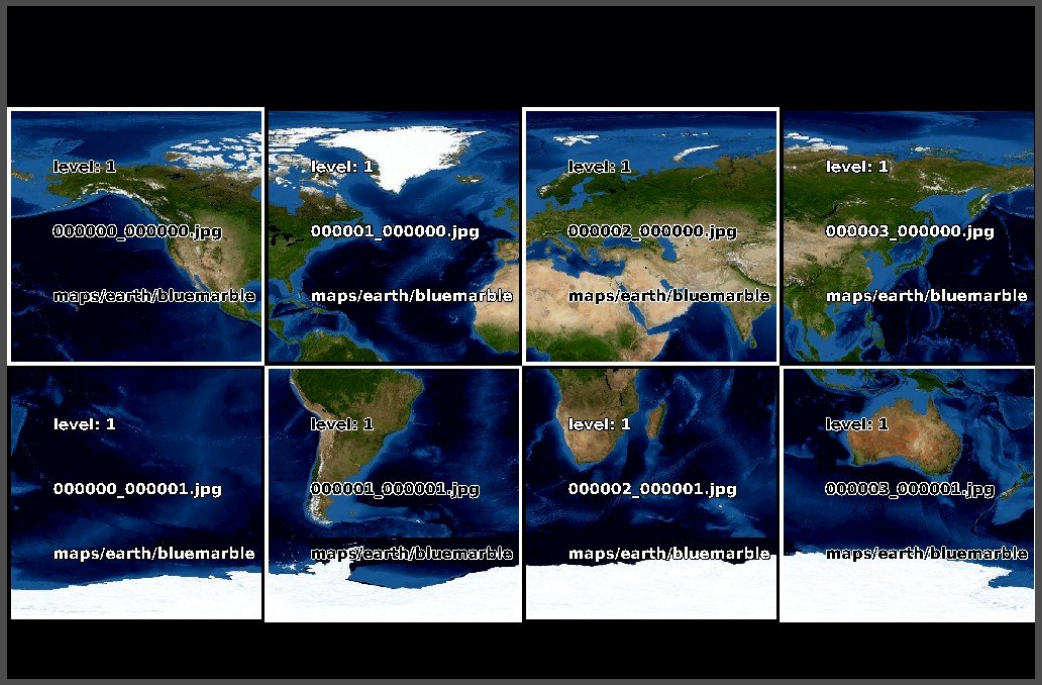

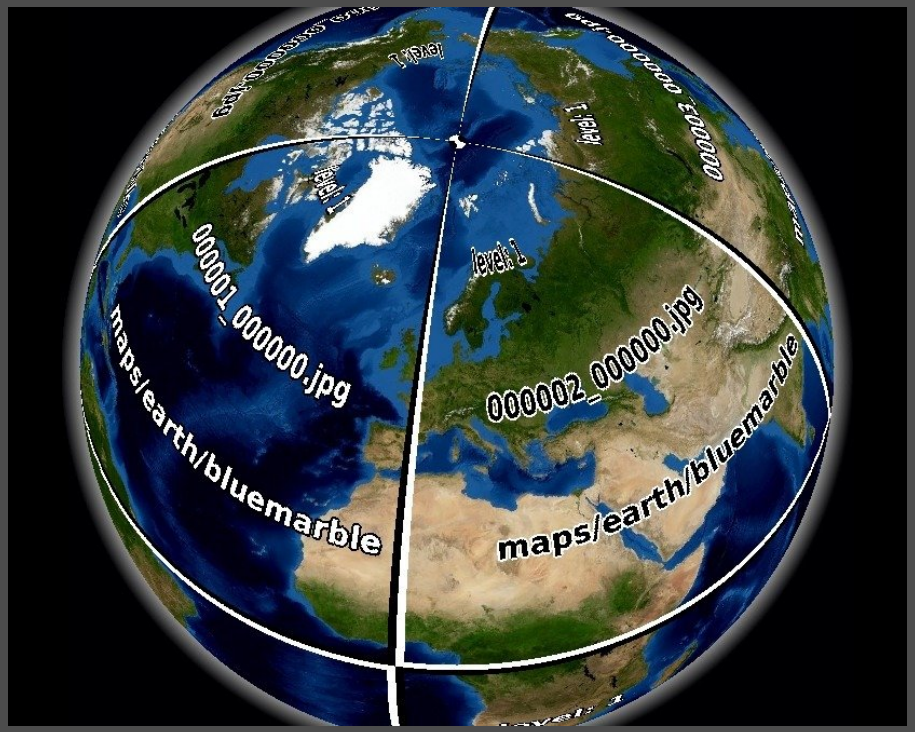

{marble-data-base-url}/maps/earth/{theme}/
{level}/{row}/{row}_{column}.jpg

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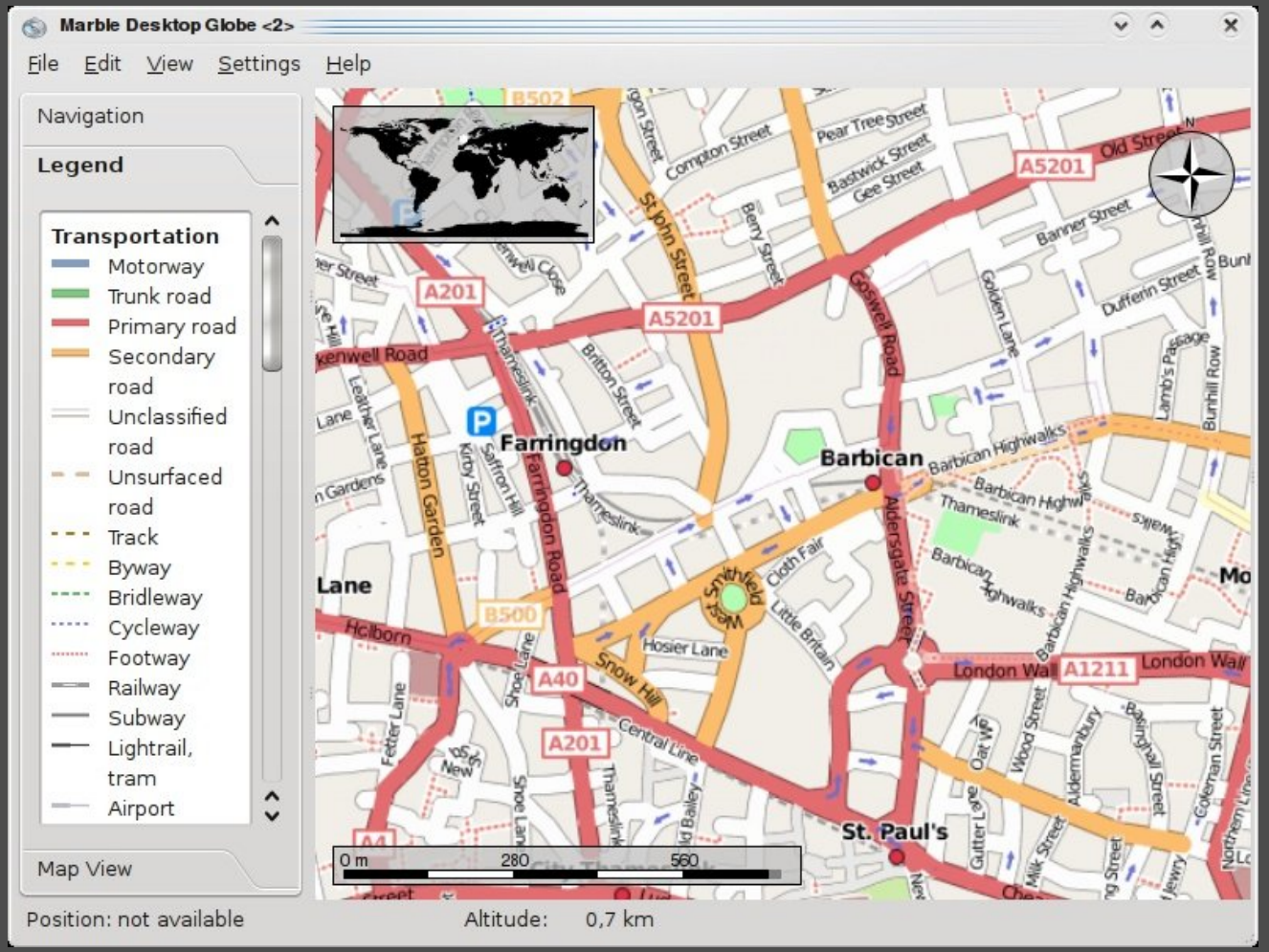
OpenStreetMap Support:

- Support for usage of OpenStreetMap tile server
- OSM name finder



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Future: Marble 0.7 / KDE 4.2 and 4.1 backports

- OSM name finder, better OSM integration
- Usage of GeoNames.org (map translation!)
- NASA WorldWind Support
- Routing (openrouting.org ?)
- Vector tiles
- Alternative „real“ 3D / OpenGL view
- Need for Speed ....

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Join us!

We need software engineers, translators, doc writers, web designers, QA people and .... you!

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IRC: #kde-edu on irc.freenode.org

http://edu.kde.org/marble

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Thanks go to ...

Inge Wallin, Patrick Spendrin, Harry de Valence, Carlos Licea, Andrew Manson, Murat Tagirov, Nicolas Zimmermann, Pino Toscano, Anne-Marie Mahfouf, Claudiu Costin, David Roberts, Jan Becker, Laurent Montel, Simon Schmeisser, Shashank Singh, KDE's Translation team,

and lots of other people all over the Marble

.. and you! :-)

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KDE is ours.

World domination one step at a time.