



MARBLE A Virtual Globe For People

We're making history together.



KDE is ours.



MARBLE A Virtual Globe For People



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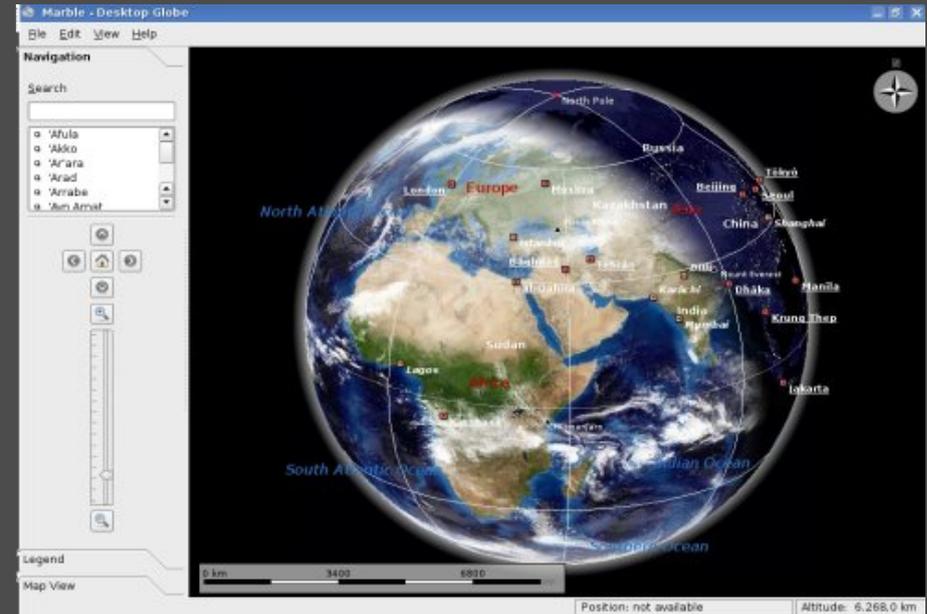
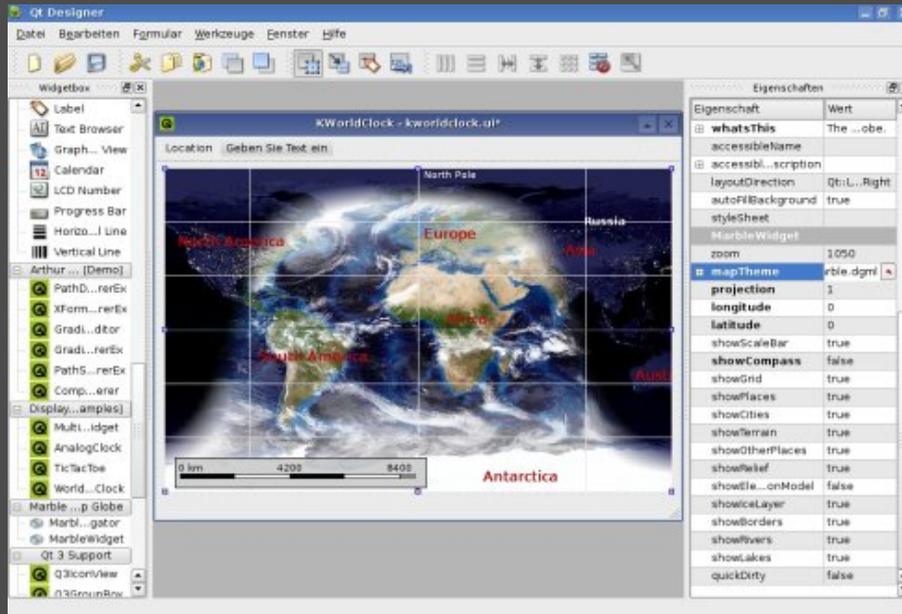
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Motivation

- 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 platform widget to display geographical data in a way that appeals to casual users.



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- Qt-Designer integration, Marble Widget, KPart



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Examples of Use

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



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Examples of Use

- KDE Graphics (digiKam 10)

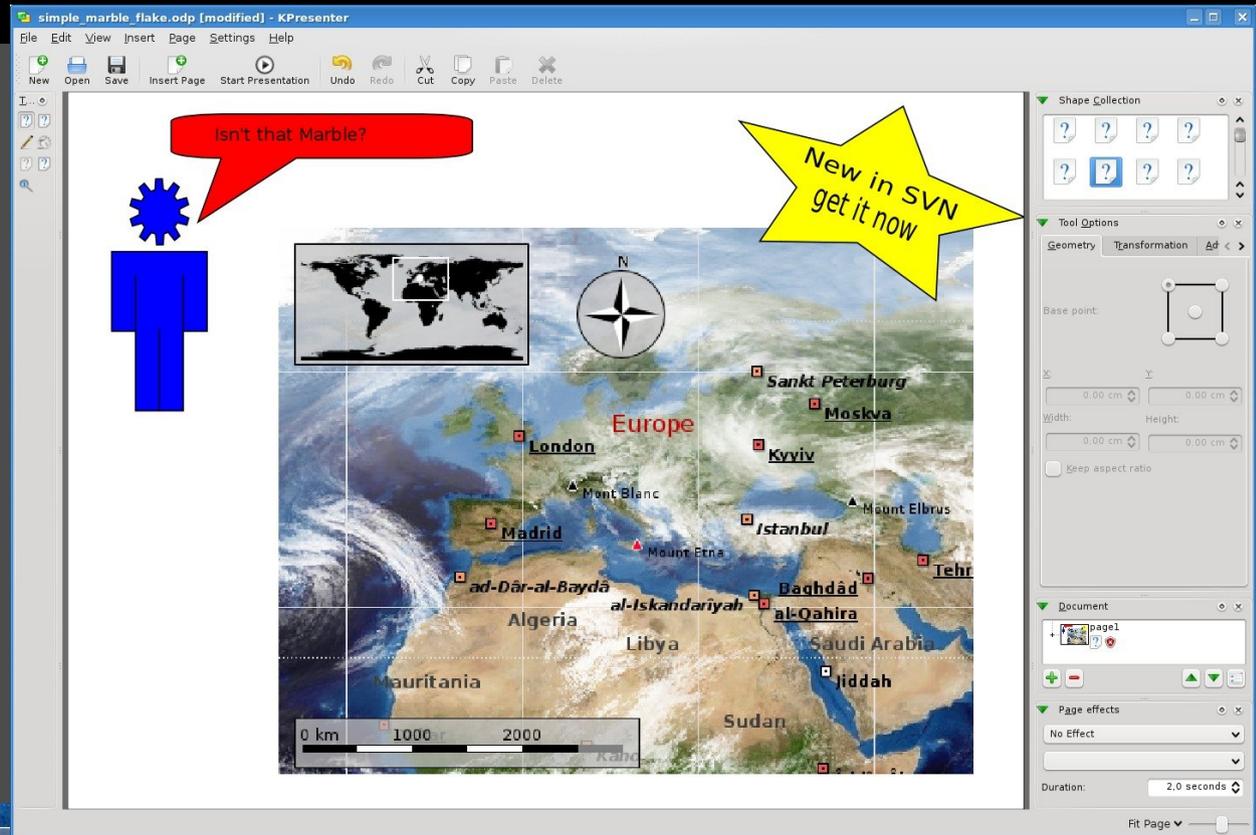


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Examples of Use

- 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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Isn't Marble supposed to be portable?



MARBLE

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Platforms

Linux, Unix

Part of KDE-Edu
in KDE 4 & Qt4
only

MacOS X,

MS Windows

Qtopia, WinCE





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Namizni globus Marble

Datoteka Urejanje Nastavitve Pomoč

Navigacija

Legenda

- Poselitev**
Prebivalstvo:
■ ■ ■ ■ > 1 000 000
● ● ● ● ≥ 100 000
■ ■ ■ ■ ≥ 10 000
● ● ● ● < 10 000
Glavna mesta:
Rdeče: država
Oranžno: zv. država
Rumeno: okrožje
Belo: ni gl. mesto
- Teren**
▲ Gora
▲ Vulkan
- Meje**
■ Meddržavne
■ Med zv. državami
- Vodna telesa**
■ Jezero
■ Reka
- Zanimiva mesta**

Videz karte

Položaj: not available

Višina: 333,9 km

Podatkovno središče - Ljubljana

Podatki Wikipedija

Ljubljana

Glavno mesto

Kratek opis:

Opis ni na voljo.

Če ste povezani na internet, kliknite na zavihek »Wikipedija«, da dobite več podatkov.

Koordinate: 14° 30' 36"E, 46° 03' 36"N

Višina: -

Država: SI

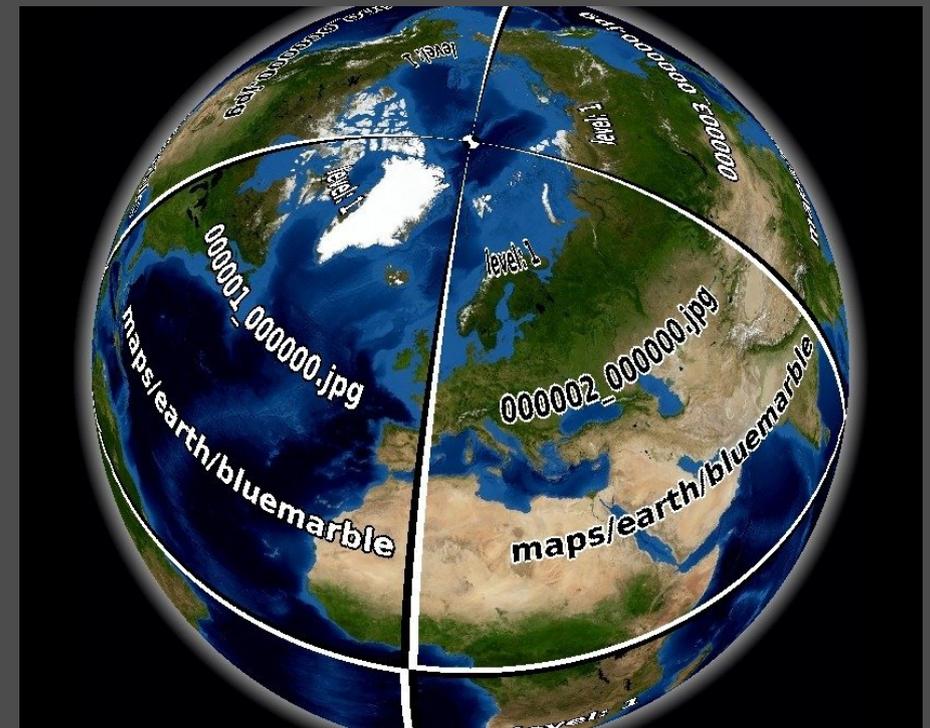
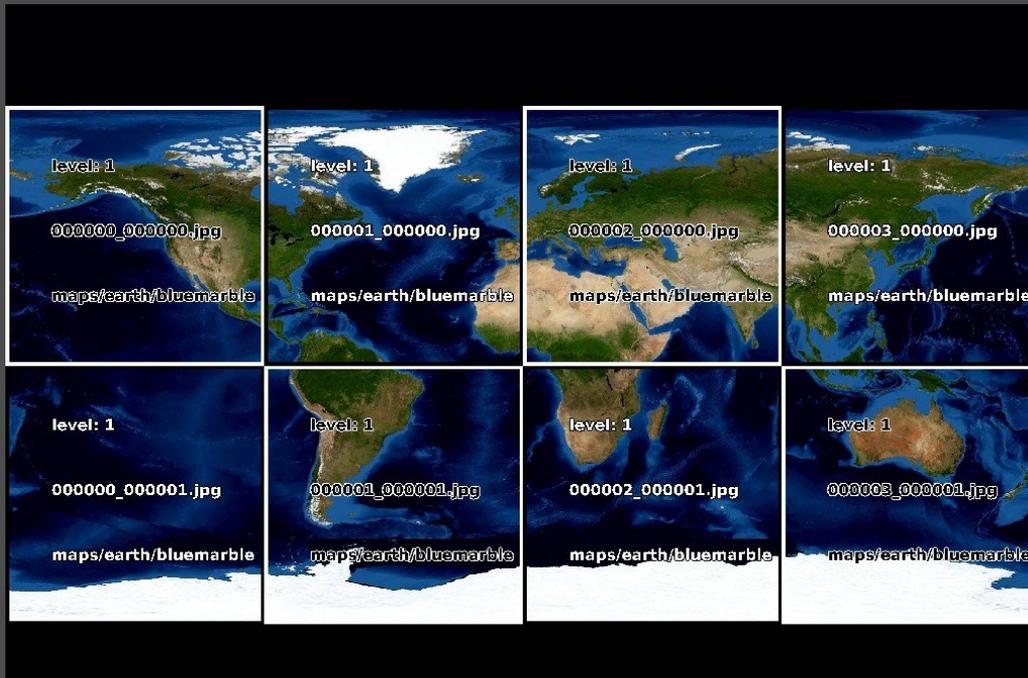
Prebivalstvo: 258.700

V redu

Marble 0.5 is available in 27 languages



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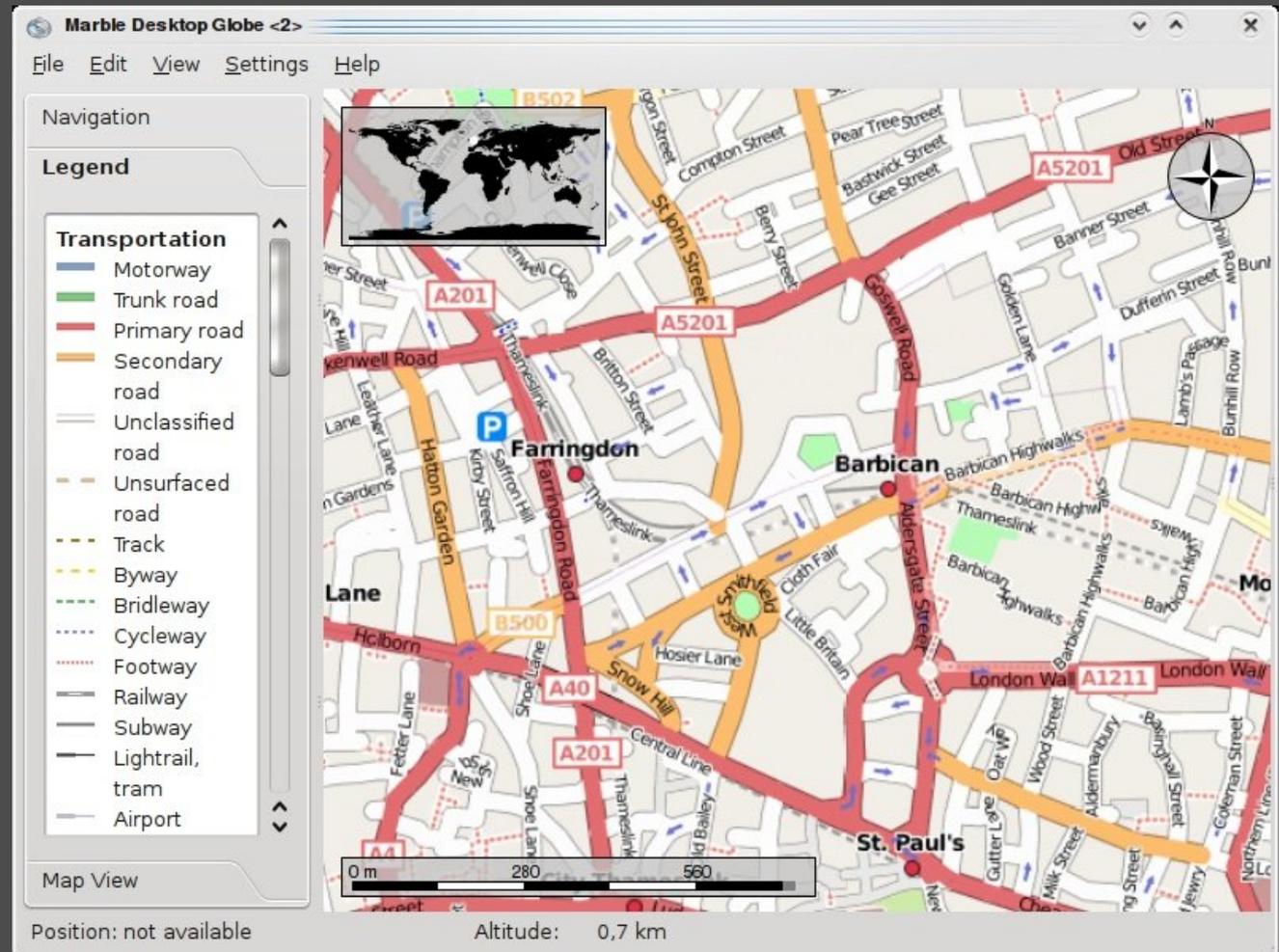
{marble-data-base-url}/maps/earth/{theme}/
{level}/{row}/{row}_{column}.jpg



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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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Change the world?
Together, I like our odds.



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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 ...

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Shashank Singh, KDE's Translation team,
and lots of other people all over the Marble

.. and you! :-)



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World domination one step at a time.