

The Semantic Desktop KDE(4) Style

- Status of things
- Mockups of the future



Akademy 2008



Mass Tagging

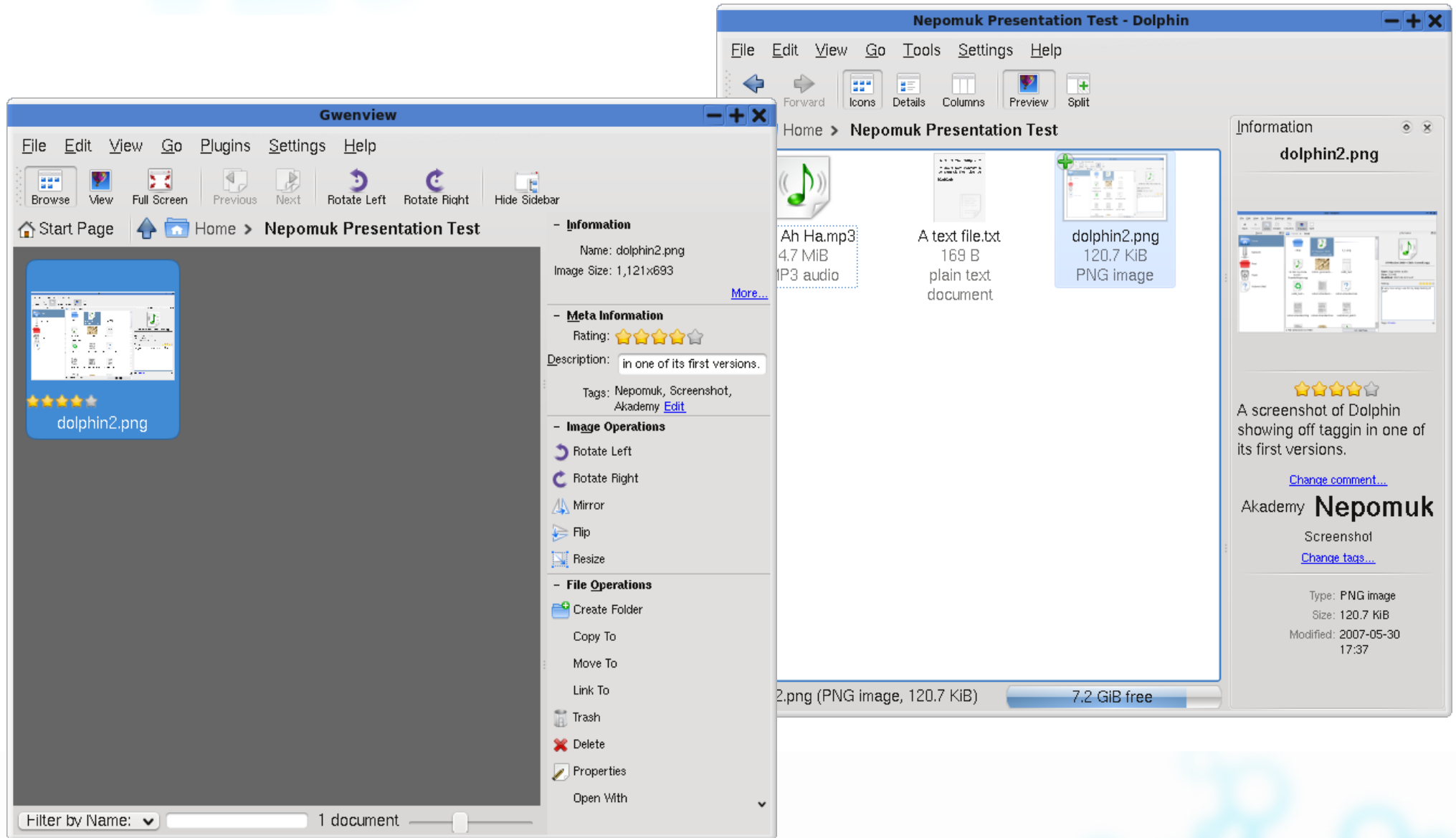
tags not tabs

many—to-many

tagging

select some tags
get all mapped param

Tagging and Rating in KDE 4



The image shows two KDE 4 desktop windows. The foreground window is Gwenview, displaying a file named 'dolphin2.png' with a rating of 4 stars and tags 'Nepomuk', 'Screenshot', and 'Akademy'. The background window is Dolphin, showing the same file with a rating of 4 stars and tags 'Nepomuk' and 'Screenshot'. The Dolphin window also shows the file's metadata: Name: dolphin2.png, Image Size: 1,121x693, Rating: 4 stars, Description: In one of its first versions, Tags: Nepomuk, Screenshot, Akademy, and Image Operations: Rotate Left, Rotate Right, Mirror, Flip, Resize.

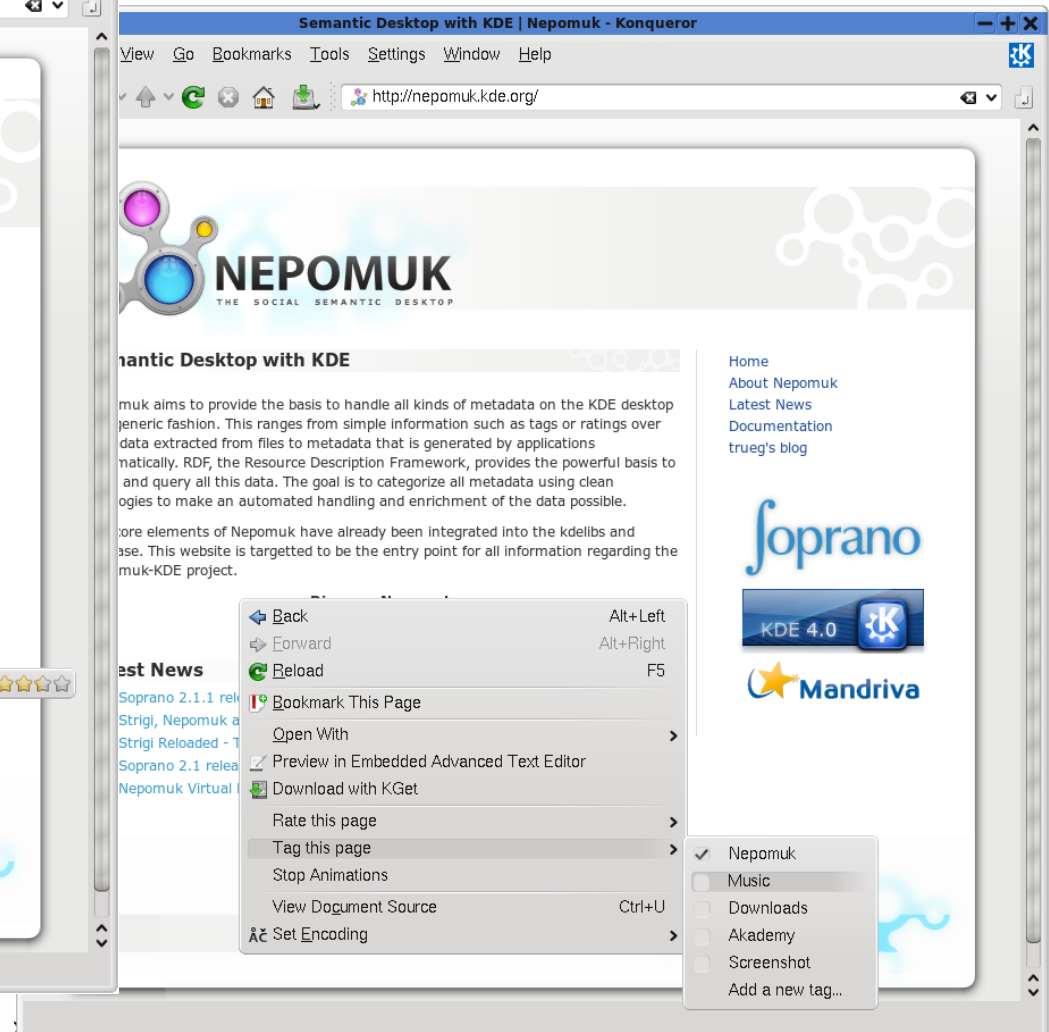
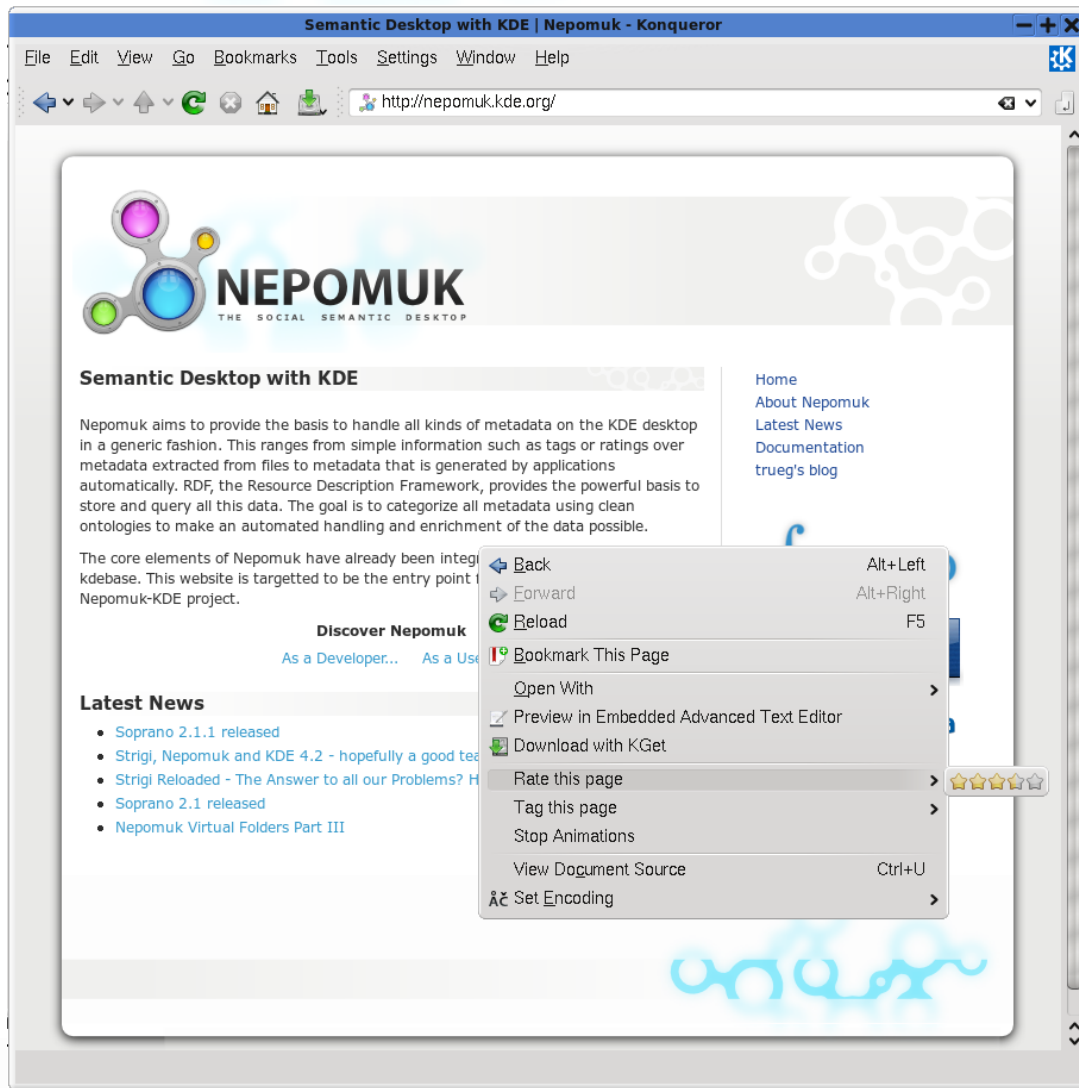
Gwenview Window:

- File Edit View Go Plugins Settings Help
- Start Page Home > Nepomuk Presentation Test
- Information: Name: dolphin2.png, Image Size: 1,121x693
- Meta Information: Rating: 4 stars, Description: In one of its first versions, Tags: Nepomuk, Screenshot, Akademy
- Image Operations: Rotate Left, Rotate Right, Mirror, Flip, Resize
- File Operations: Create Folder, Copy To, Move To, Link To, Trash, Delete, Properties, Open With

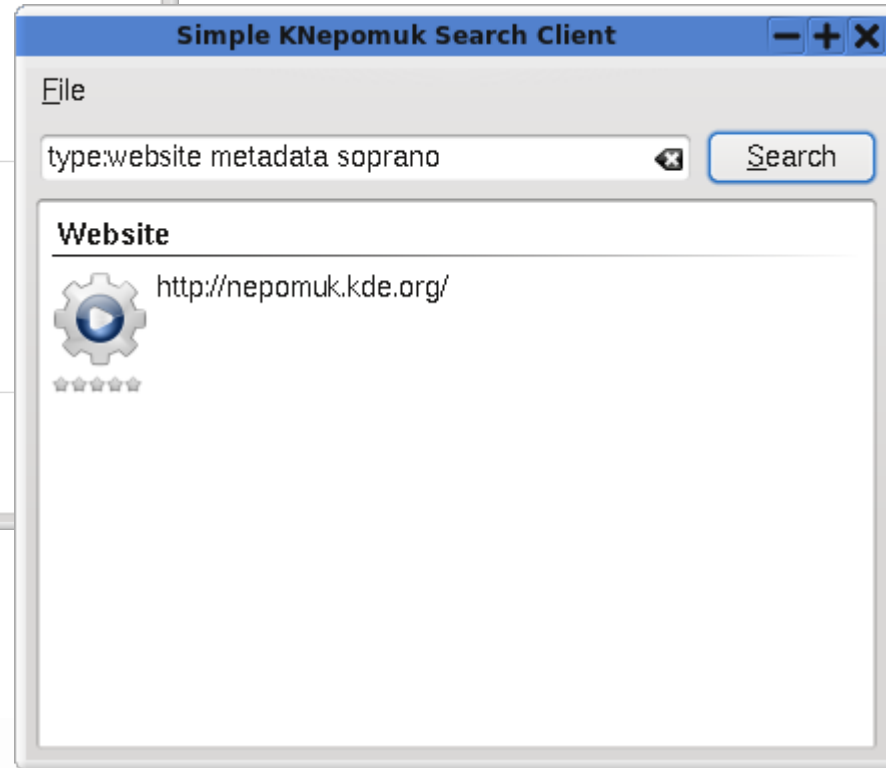
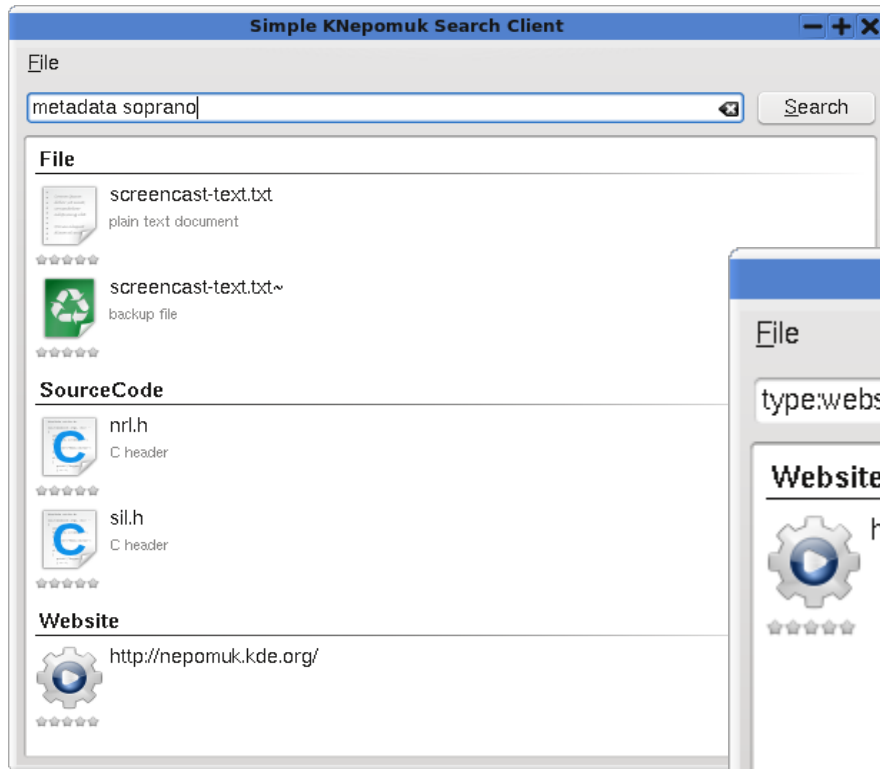
Dolphin Window:

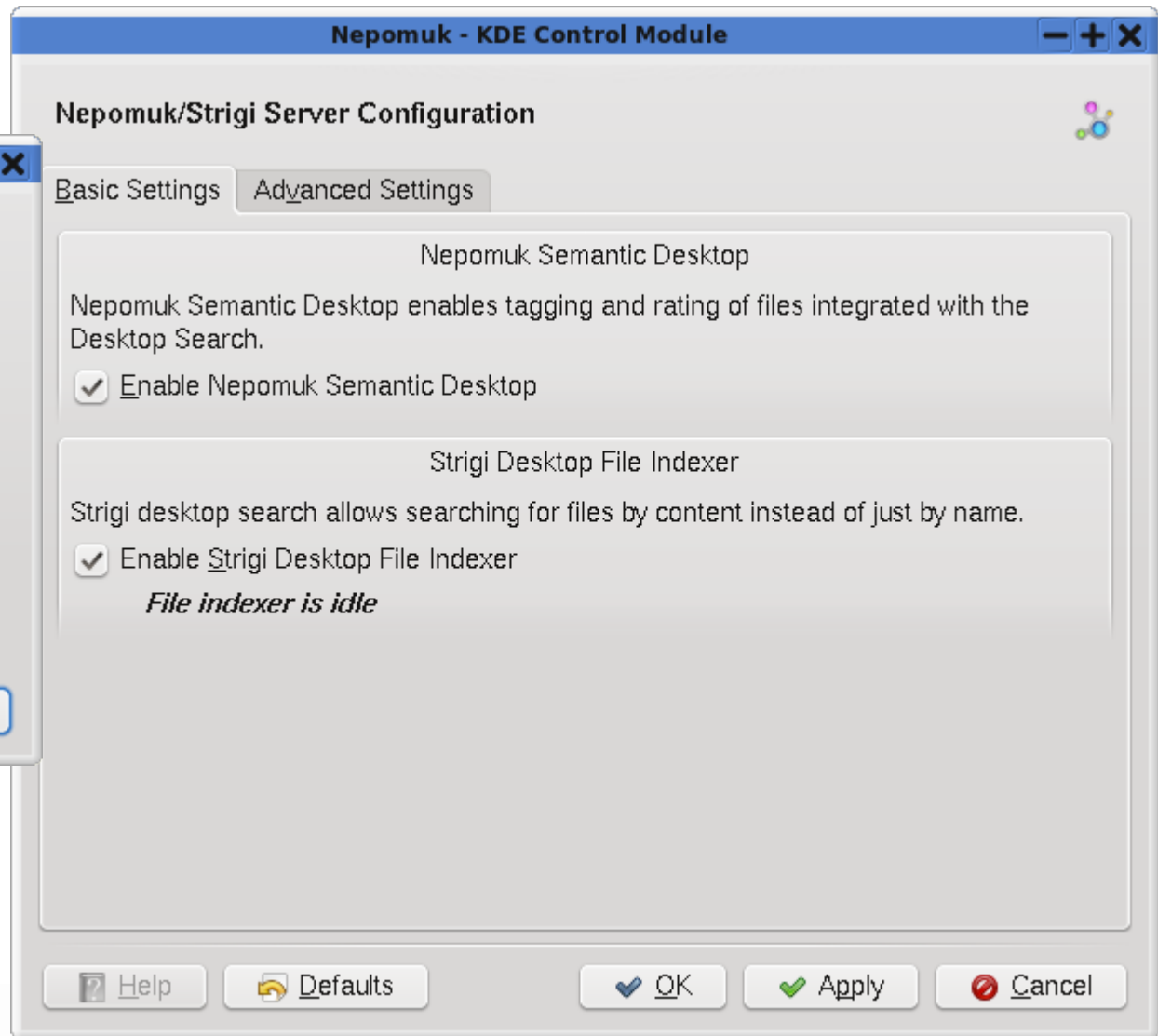
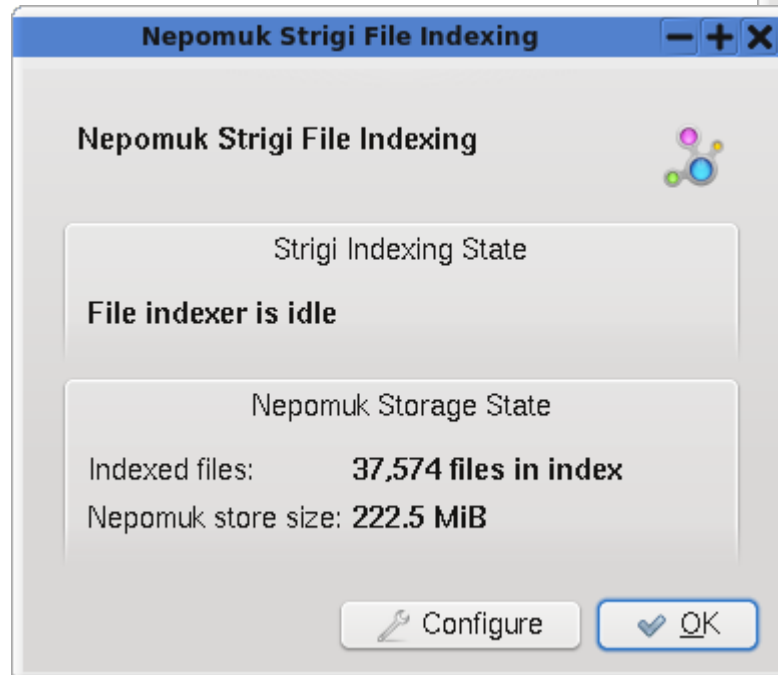
- Nepomuk Presentation Test - Dolphin
- File Edit View Go Tools Settings Help
- Home > Nepomuk Presentation Test
- Files: Ah Ha.mp3 (4.7 MiB, MP3 audio), A text file.txt (169 B, plain text document), dolphin2.png (120.7 KiB, PNG image)
- Information: Name: dolphin2.png, Image Size: 1,121x693, Rating: 4 stars, Description: In one of its first versions, Tags: Nepomuk, Screenshot, Akademy
- Image Operations: Rotate Left, Rotate Right, Mirror, Flip, Resize
- File Operations: Create Folder, Copy To, Move To, Link To, Trash, Delete, Properties, Open With

Tagging and Rating in Konqueror

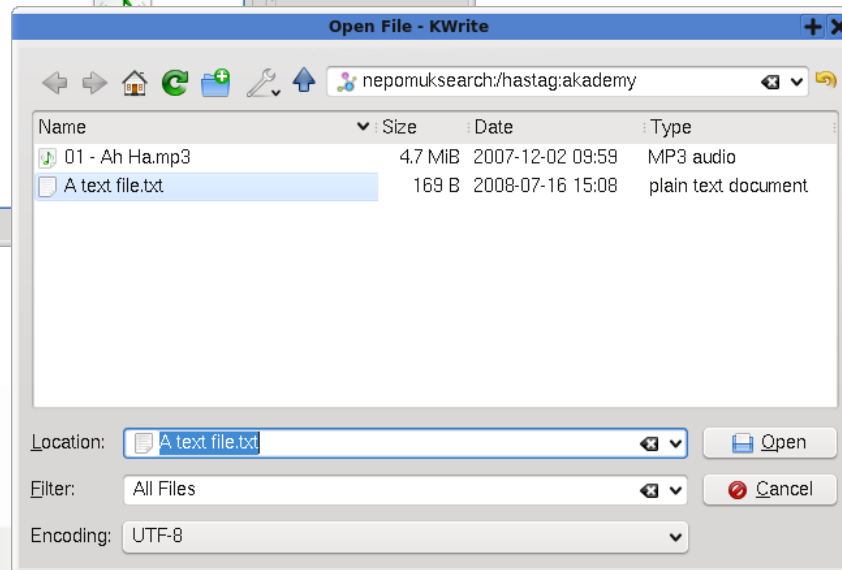
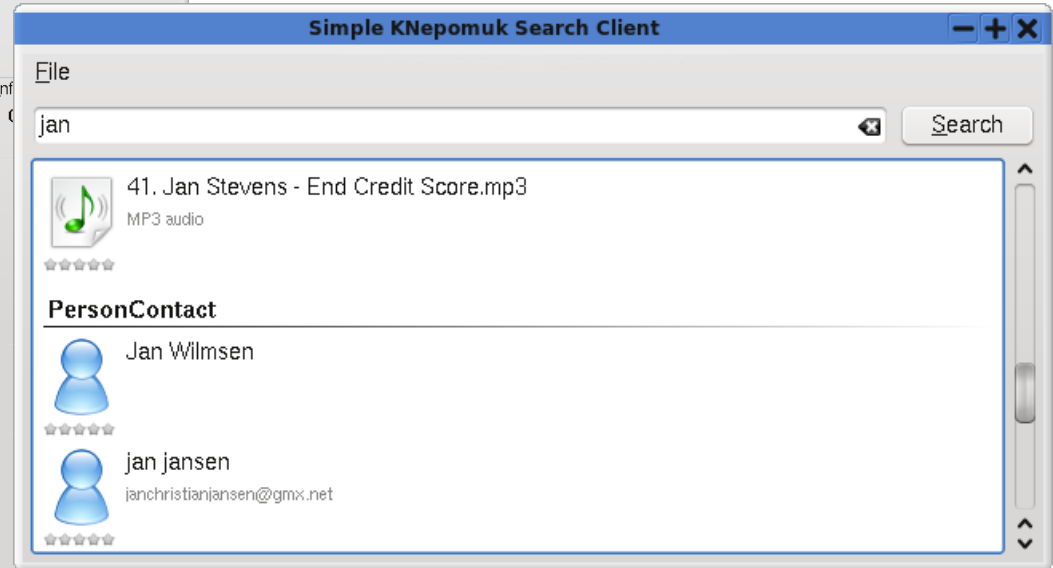
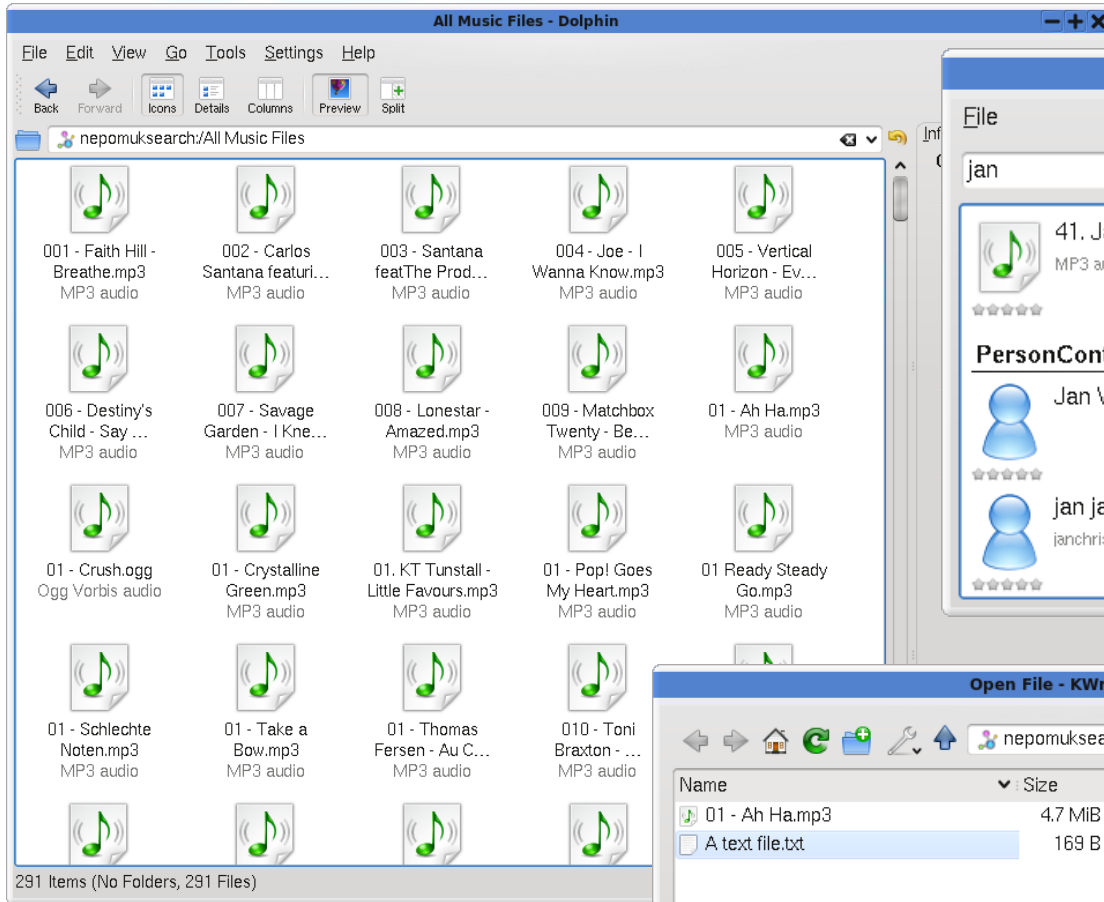


Web Pages Indexed by Strigi

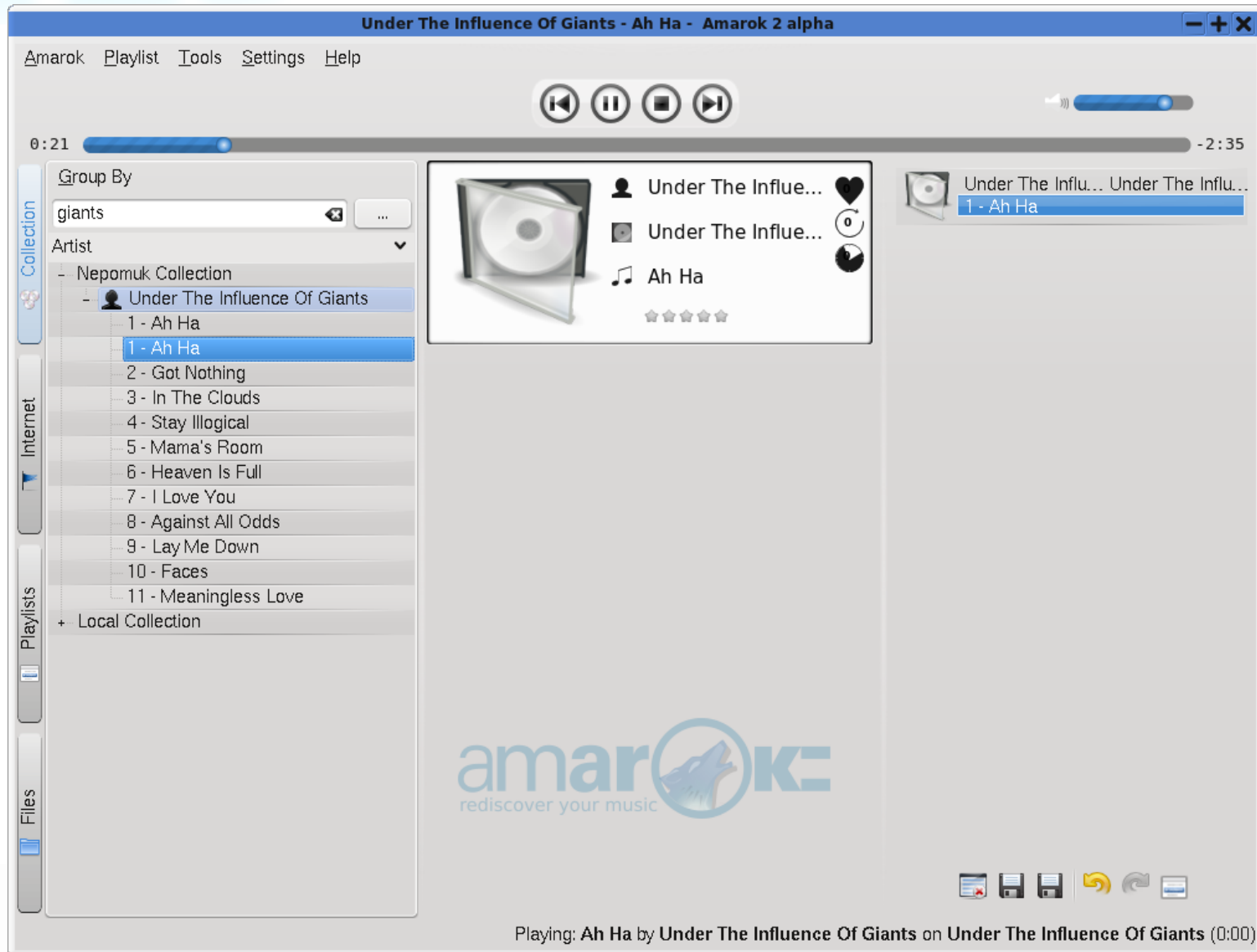


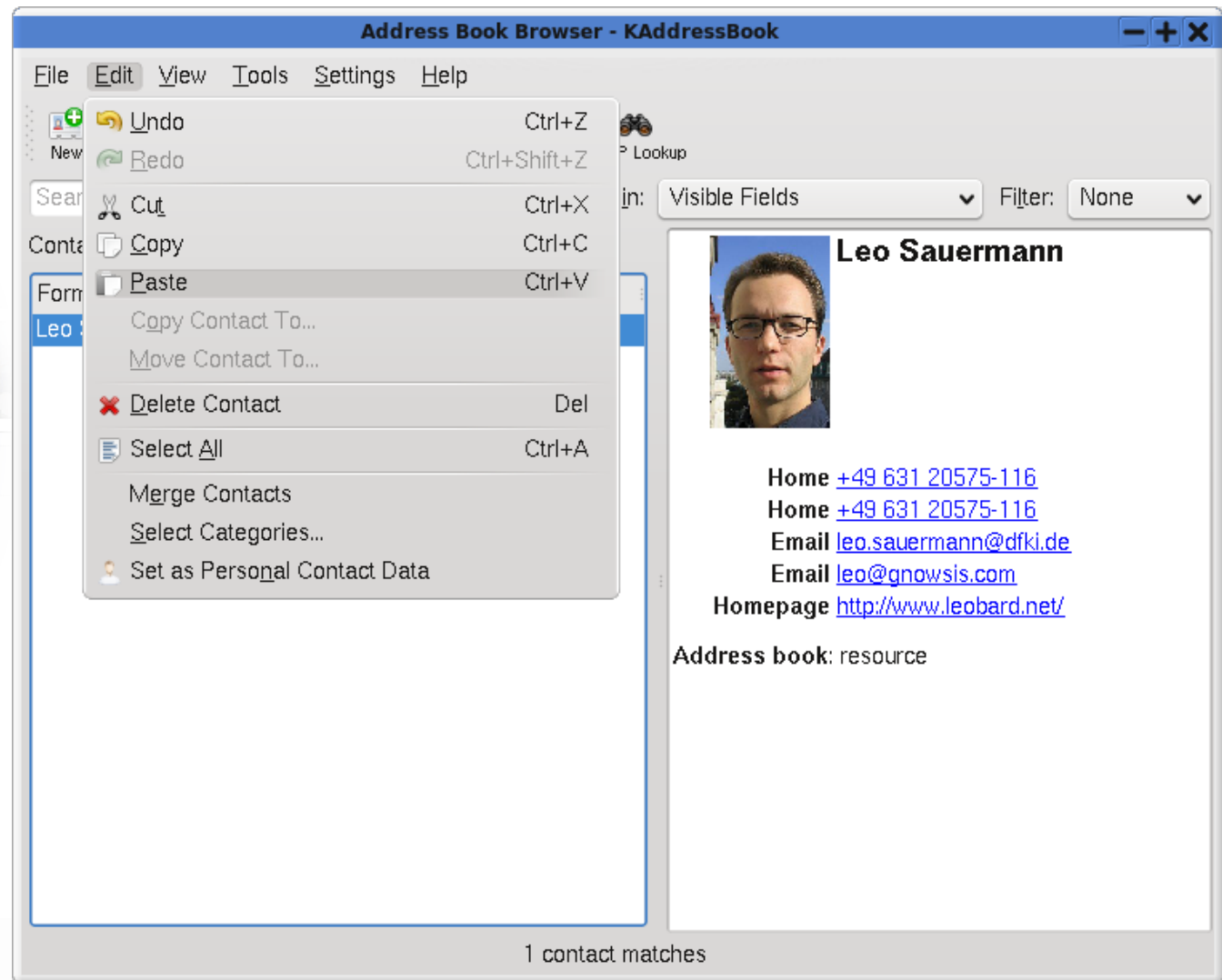


Virtual Folders + Search

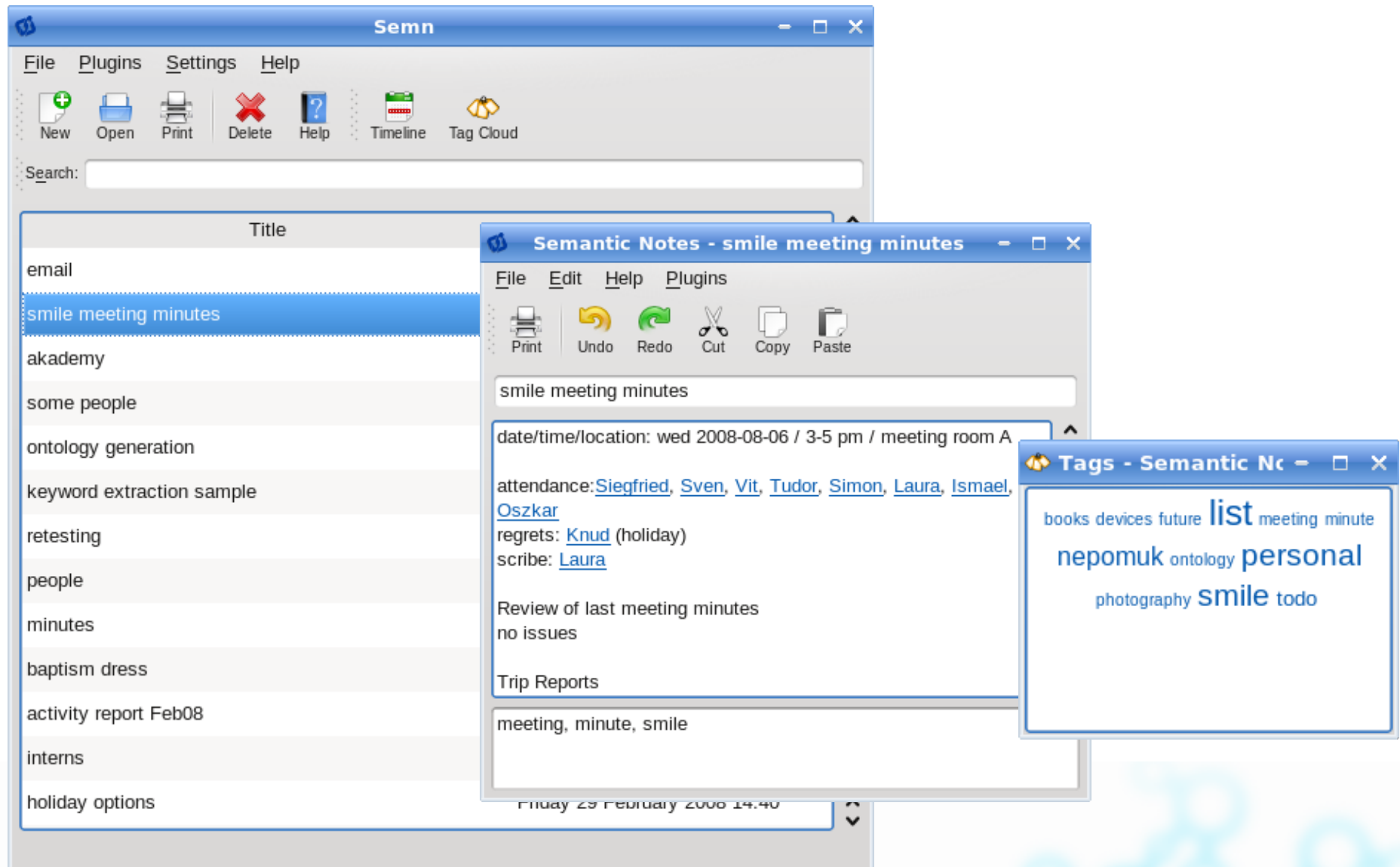


Amarok – Music and Nepomuk





Semn – Semantic Notes



The screenshot displays the Semn application interface, which is a semantic desktop environment. The main window, titled "Semn", features a menu bar with "File", "Plugins", "Settings", and "Help". Below the menu bar is a toolbar with icons for "New", "Open", "Print", "Delete", "Help", "Timeline", and "Tag Cloud". A search bar is located below the toolbar.

The main content area shows a list of notes under the heading "Title". The notes are:

- email
- smile meeting minutes (selected)
- akademy
- some people
- ontology generation
- keyword extraction sample
- retesting
- people
- minutes
- baptism dress
- activity report Feb08
- interns
- holiday options

A secondary window, titled "Semantic Notes - smile meeting minutes", is open, showing the content of the selected note. It has a menu bar with "File", "Edit", "Help", and "Plugins". The toolbar includes "Print", "Undo", "Redo", "Cut", "Copy", and "Paste". The note content is as follows:

smile meeting minutes

date/time/location: wed 2008-08-06 / 3-5 pm / meeting room A

attendance: [Siegfried](#), [Sven](#), [Vit](#), [Tudor](#), [Simon](#), [Laura](#), [Ismael](#), [Oszkar](#)

regrets: [Knud](#) (holiday)

scribe: [Laura](#)

Review of last meeting minutes

no issues

Trip Reports

meeting, minute, smile

Friday 29 February 2008 14:40

A third window, titled "Tags - Semantic Notes", is also open, displaying a tag cloud. The tags are:

- books
- devices
- future
- list
- meeting
- minute
- nepomuk
- ontology
- personal
- photography
- smile
- todo

That is nice.
But what is next?



File Edit View Go Bookmarks Tools Settings Window Help

http://nepomuk.kde.org/

Search:

Bookmarks

- Latest Bookmarks
 - Semantic Desktop with KDE | Nepomuk
 - K Desktop Environment - Be free
 - Akademy 2008 - KDE...are Desktop Summ
- Important Bookmarks
 - Semantic Desktop with KDE | Nepomuk
 - Akademy 2008 - KDE...are Desktop Summ
- Nepomuk
 - Semantic Desktop with KDE | Nepomuk
 - Soprano - the QVC...top can be so easy
 - NEPOMUK - The Social Semantic Desko

NEPOMUK
THE SOCIAL SEMANTIC DESKTOP

Semantic Desktop with KDE

Nepomuk aims to provide the basis to handle all kinds of metadata on the KDE desktop in a generic fashion. This ranges from simple information such as tags or ratings over metadata extracted from files to metadata that is generated by applications automatically. RDF, the Resource Description Framework, provides the powerful basis to store and query all this data. The goal is to categorize all metadata using clean ontologies to make an automated handling and enrichment of the data possible.

The core elements of Nepomuk have already been integrated into the kdelibs and kdatabase. This website is targetted to be the entry point for all information regarding the Nepomuk-KDE project.

Discover Nepomuk
[As a Developer...](#) [As a User...](#)

Latest News

- [Soprano 2.1.1 released](#)
- [Strigi, Nepomuk and KDE 4.2 - hopefully a good team](#)
- [Strigi Reloaded - The Answer to all our Problems? Hopefully to a few of them.](#)
- [Soprano 2.1 released](#)
- [Nepomuk Virtual Folders Part III](#)

[more](#)

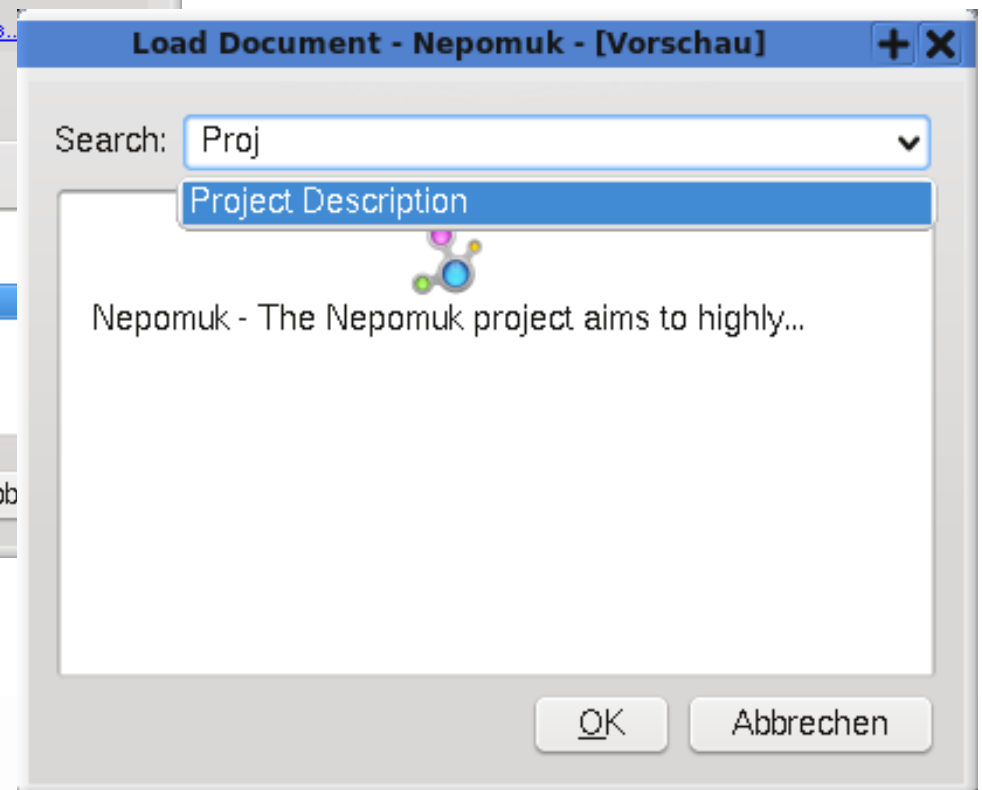
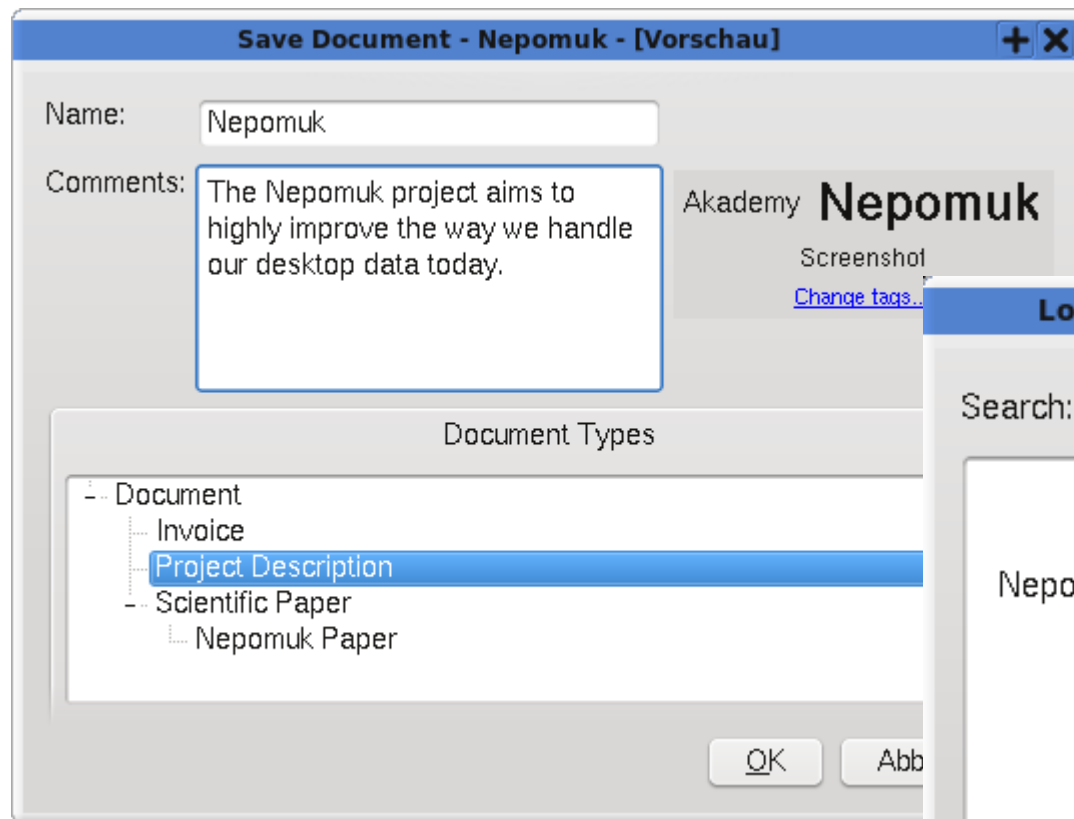
Home
 About Nepomuk
 Latest News
 Documentation
 trueg's blog

Soprano
 KDE 4.0

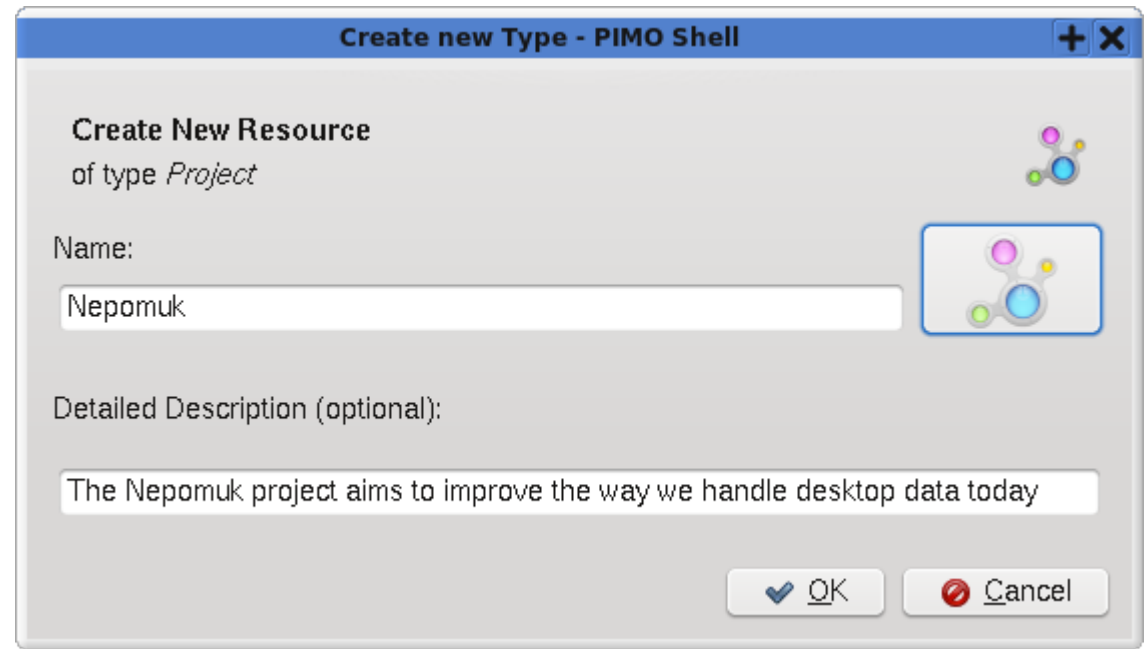
Mandriva

Page loaded.

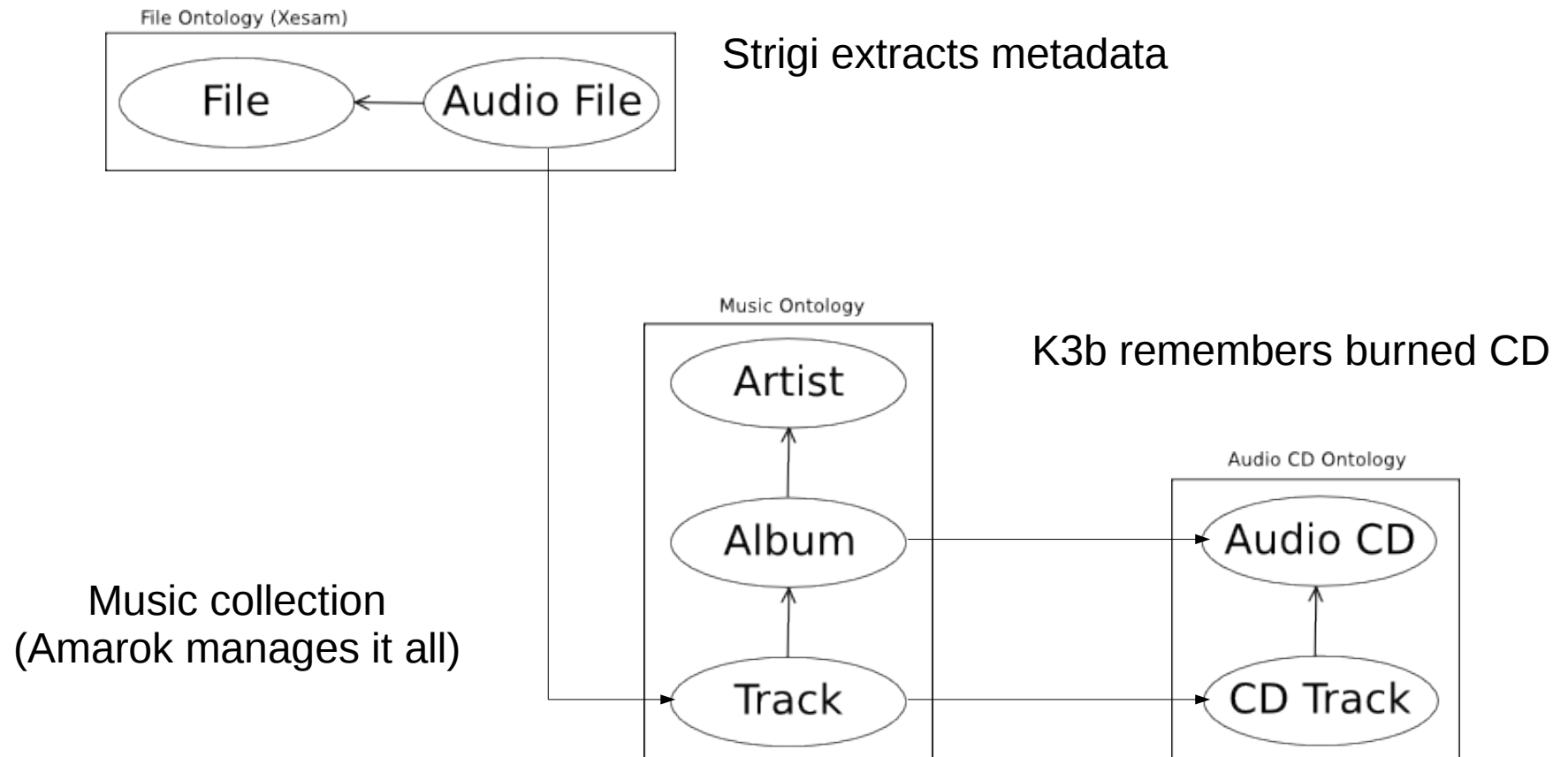
Documents – Without Files



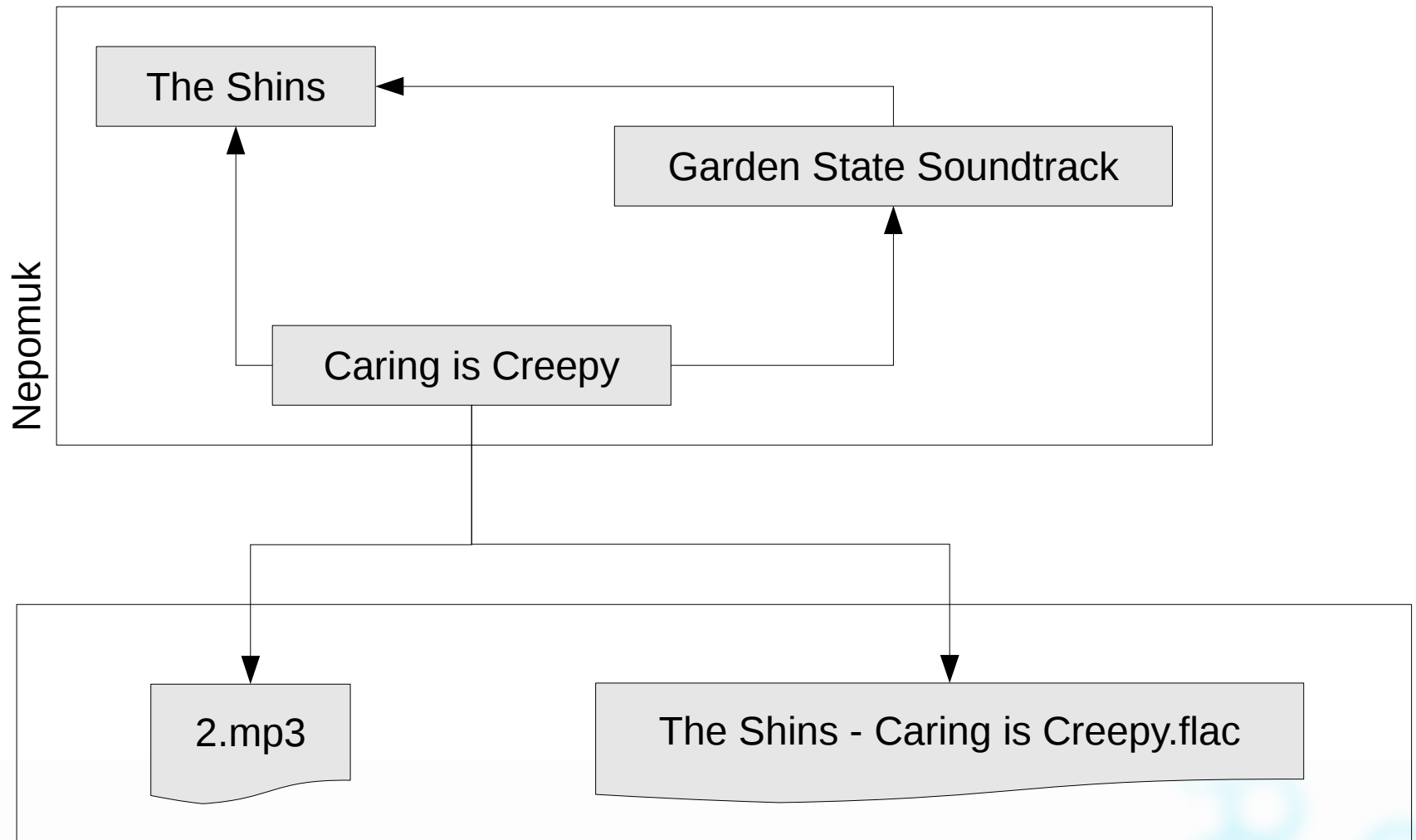
Project Management



The Music Ontology



Amarok and the Music Ontology



Amarok, Marble and Nepomuk

Haggard - Intro: Rachmaninov: Choir - Amarok 2 alpha

Amarok Playlist Tools Settings Help

0:06  -0:32

Collection

Group By

Enter search terms here

Artist / Year - Album

+ Nepomuk Collection

- Local Collection

- Haggard

+ Awakening The Centur...

Internet

Playlists

Files

Haggard

Awaking The Centuries

11 - Chapter V: Courante 1:12

12 - Chapter V: Rachmanin... 2:32

11 - Chapter V: Courante 1:12

2 - Intro: Pestilencia 1:54

7 - Chapter III: Statement Z... 1:19

1 - Intro: Rachmaninov: Choir 0:38

8 - Chapter IV: In A Fullmo... 5:18

11 - Chapter V: Courante 1:12

6 - Chapter III: Awakening Th... 9:34

4 - Chapter II: The Final Vi... 3:36

12 - Chapter V: Rachmanin... 2:32

1 - Intro: Rachmaninov: Choir 0:38

2 - Intro: Pestilencia 1:54

3 - Chapter I: Heavenly Da... 2:59

5 - Chapter II: Saltorella La ... 0:57

9 - Chapter IV: Menuett 1:20

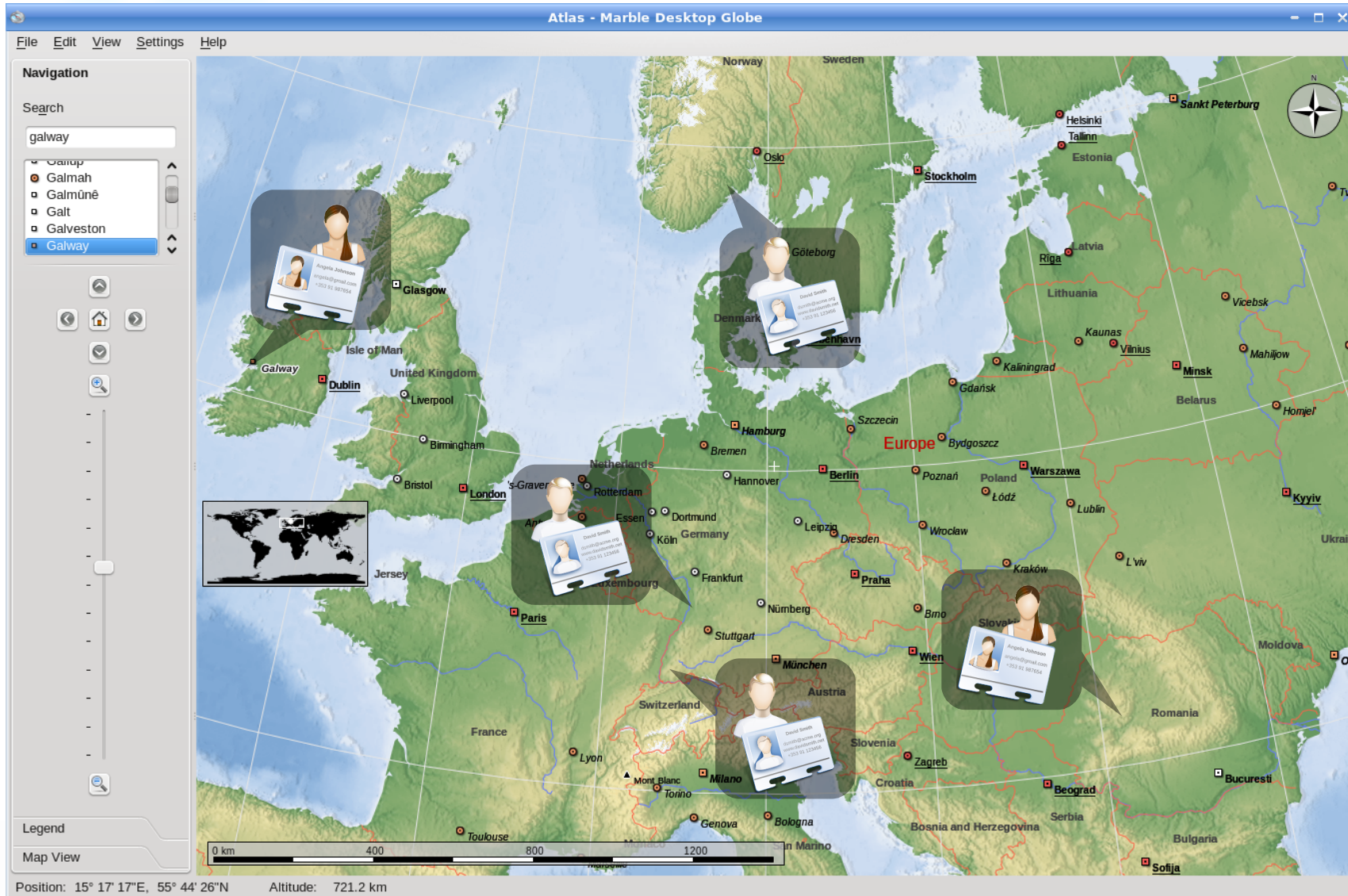
Map

Basel 22 sept

Bilbao 25 sept

Milano 4 sept

Playing: Intro: Rachmaninov: Choir by Haggard on Awakening The Centuries (0:38)



- Already in: Dolphin, Konqueror, GwenView, Amarok, KIO
- Coming soon: Marble, <Your app here!>
- Nepomuk: tag, rate and organize everything!
- Integration is easy!

Ask us about Nepomuk!



- Find us and ask us about Nepomuk!
- #nepomuk-kde
- Nepomuk **BoF** Session