

****Preface**

Since user guides tend to be boring to write and then boring to read, we've tried to have fun writing this one and hopefully you'll have also fun reading it, in between you'll discover how Deepamehta works!

****Introduction**

Let's play a short game, look to your right for 10 seconds, then write down what you remember with as many details as possible.

Probably you will remember an image and then try to describe it. We draw upon our visual memory to fix information, then we probably establish some references, top-right, bottom, etc .. we divide the information into smaller pieces and create the relation between them. Our brain keeps building maps of information, we extract the important info let's say they are the "dots" in our map, and we establish relations, the lines in our map. Knowledge is not stored in our brain as thousands of full pages of text, but as concepts and relationships between them, so that when we want to retrieve information we recreate the situation, by bringing up just the concepts and relationships needed.

**** The situation**

If we think DM as a whole of situations, then the best way to start would be to create a first situation.

Let's imagine we've got an appointment with some friends to talk about a possible business, normally you would take somehow structure notes, with some side notations that come up later. So the notes taken look like this:

Marina(Barcelona) is doing a project with the neighbourhood organization AAVVB

Participants: Marina, the group XXX from the University UOA, Pep and Rosa

The goal: Map the changes in the neighborhood in the last decades

How: Going for a walk around the neighborhood with old people

At the end of the walk photos will be taken and uploaded and associated to their location in a map on the website

Maybe there is a possibility to create a collaborative project with a neighborhood in Berlin

The project will last for one year

Let's proceed -- In the guide we won't cover the installation process, because that is already very good explained in the README file [<https://github.com/jri/deepamehta#readme>]. Here we will just remind you the way to start DM, it depends on your platform

deepamehta-linux.sh # if you are under a GNU/Linux system choose "Run in terminal"

deepamehta-macosx.command # if you are under MacOS double-click it

deepamehta-windows.bat # if you are under Windows double-click it

So now you should be seeing this

[dm_1.png]

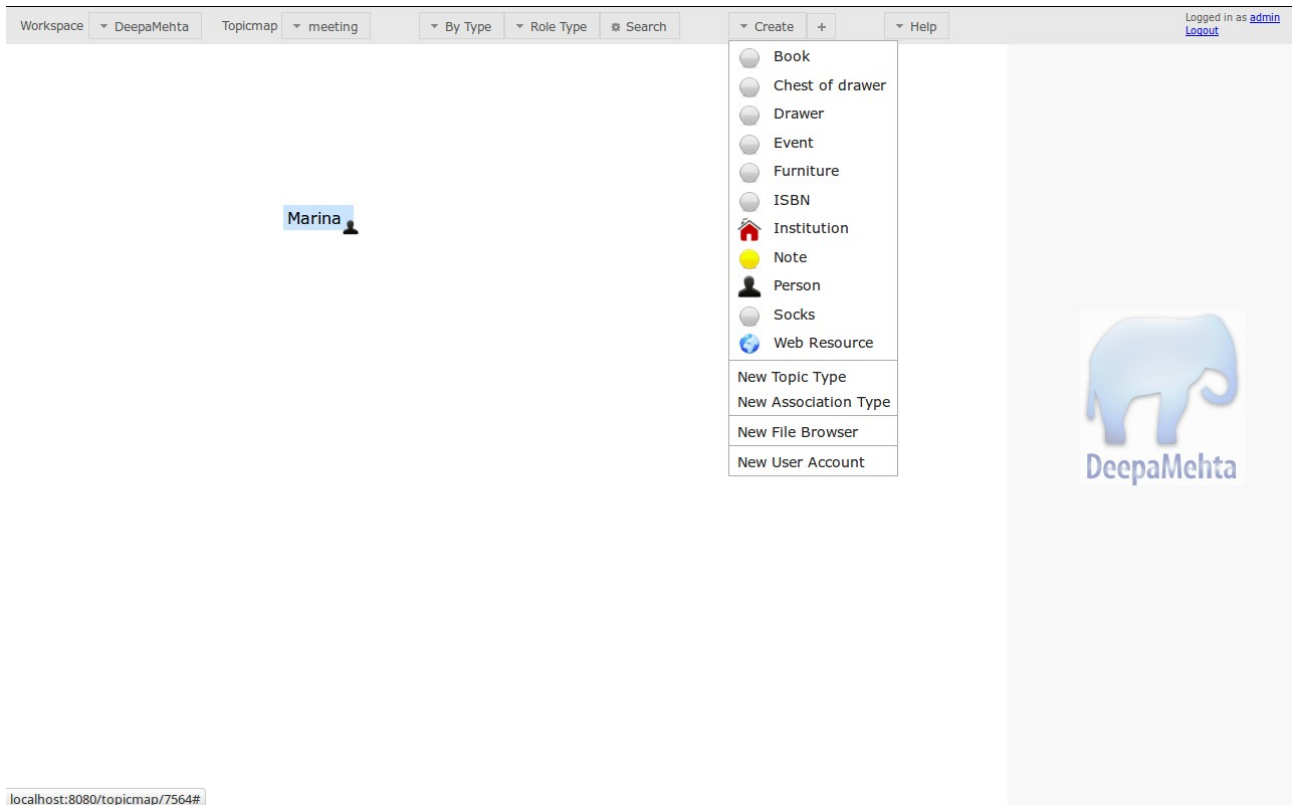
Now in order to get things done we need to log in, so click on the login link and introduce "admin" as user and leave the password blank. To dive better in DM, a suggestion is to set your browser to

full screen, so you enter in DM mode ;-)

On the top menu you'll see a Create drop menu. If you take a look at what there is, you will see that by default it appears "Person", "Institution", "Notes", "Web Resource" ..mmm actually probably for the moment that is enough to write down our notes from the meeting in a DM way.


From there we can create 3 Person, Marina, Pep and Rosa

[dm2_example01.png]



[dm2_example02.png]

Workspace ▾ DeepaMehta Topicmap ▾ meeting ▾ By Type ▾ Role Type 🔍 Search ▾ Create + ▾ Help Logged in as [admin](#) [Logout](#)



First Name
Rosa

Last Name

Phone Label

Phone

Email Address

URL

Address Label


Street


Postal Code


City

Country

Notes

Topic Type (1)
 [Person](#)
(Instantiation)

Topicmap (1)
 [meeting](#)
(Topic Mapcontext)


Workspace (1)
 [DeepaMehta](#)
(Aggregation)

[Edit](#)

We can create 2 Institutions, AAVVB, University UOA

[dm2_example04.png]

Workspace ▾ DeepaMehta Topicmap ▾ meeting ▾ By Type ▾ Role Type 🔍 Search ▾ Create + ▾ Help Logged in as [admin](#) [Logout](#)



Institution Name
University UOA

Phone Label

Phone

Email Address

URL

Address Label


Street


Postal Code


City

Country

Notes

Topic Type (1)
 [Institution](#)
(Instantiation)

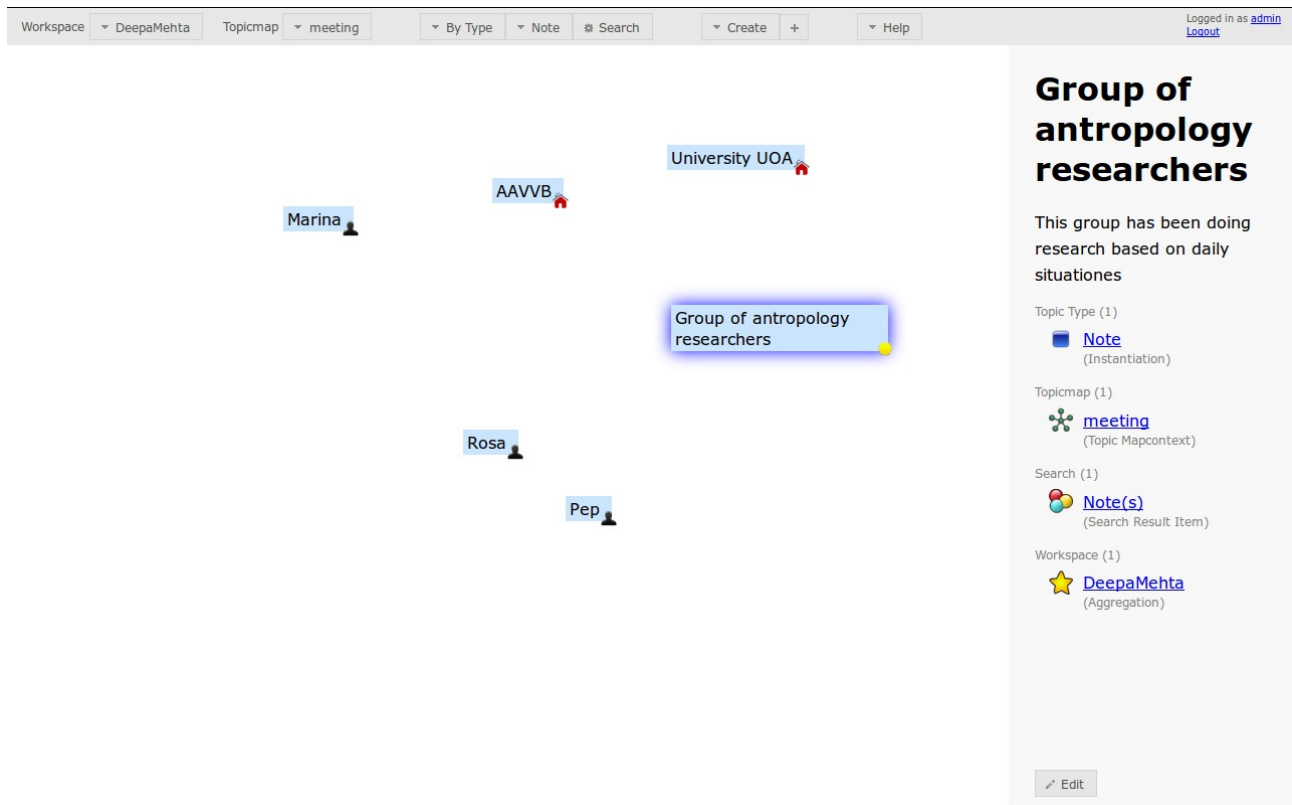
Topicmap (1)
 [meeting](#)
(Topic Mapcontext)

Workspace (1)
 [DeepaMehta](#)
(Aggregation)

[Edit](#)

We can create a note with the name of the group from the University

[dm2_example05.png]



Now that we have the main elements on our left panel, the Topicmap, let's see what are the relations between them.

Until now, we have drawn 3 Persons, 2 Institutions, 1 Note which in DM language would be 6 Topics

Now we want to establish the relations between the Topics, and in DM language the relations are called associations.

Marina, Pep and Rosa work together, so we could say that Marina works with Rosa and Marina works with Pep, and in the same way could we do with Rosa and Pep.

If you right click on Marina, a menu will display and you will see the "Associate" option, click on it.

[dm2_example06.png]

Workspace DeepaMehta Topicmap meeting By Text Search Help Login

Marina

- Hide
- Associate
- Set Color

Rosa

Pep

AAVVB

University UOA

Group of antropology researchers

First Name
Marina

Last Name

Phone Label

Phone

Email Address

URL

Address Label

Street

Postal Code

City

Country

Notes

Topic Type (1)

Person
(Instantiation)

Topicmap (1)

meeting
(Topic Mapcontext)

Workspace (1)

localhost:8080/topicmap/7564/topic/7623#

A line will appear, drag it to Rosa so an association is created. So now Marina is associated with Rosa.

[dm2_example07.png]

Workspace DeepaMehta Topicmap meeting By Text Search Help Login

Marina

Rosa

Pep

AAVVB

University UOA

Group of antropology researchers

First Name
Marina

Last Name

Phone Label

Phone

Email Address

URL

Address Label

Street

Postal Code

City

Country

Notes

Topic Type (1)

Person
(Instantiation)

Topicmap (1)

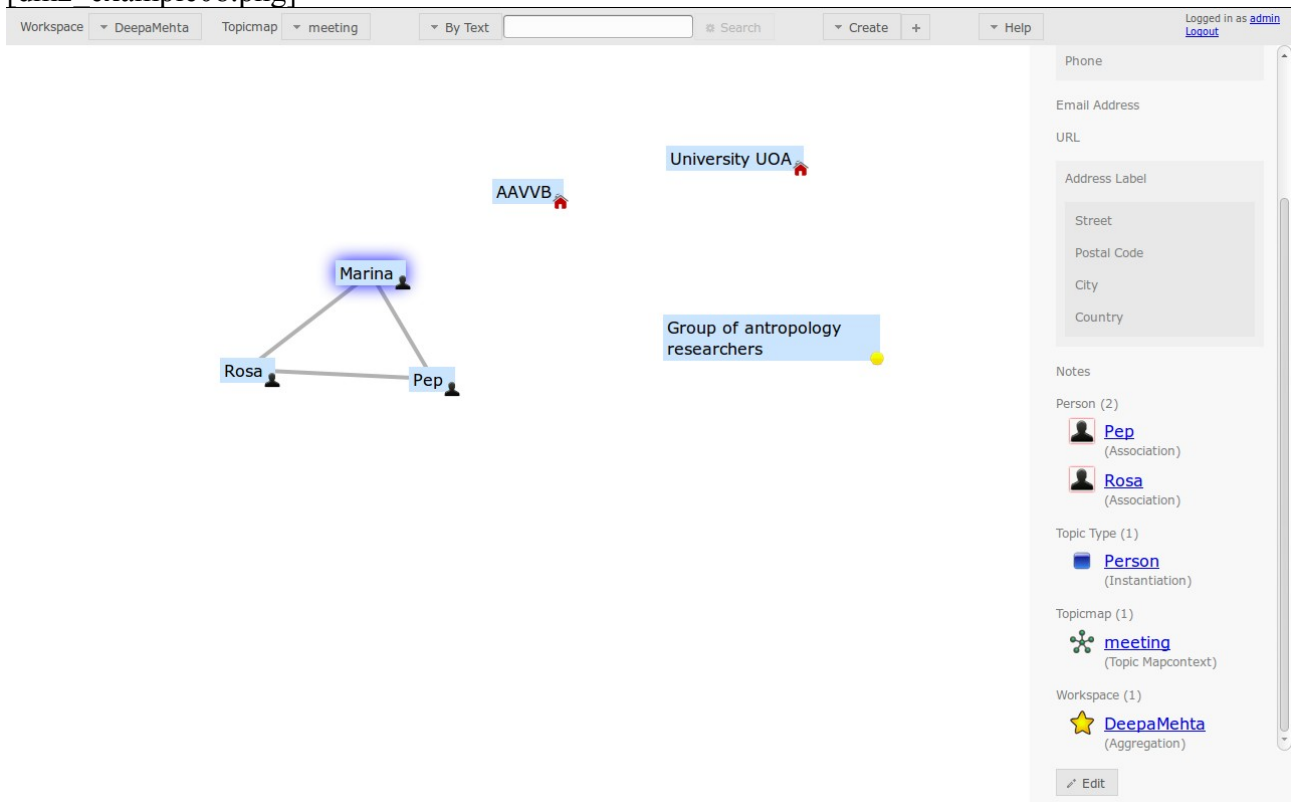
meeting
(Topic Mapcontext)

Workspace (1)

localhost:8080/topicmap/7564/topic/7623#

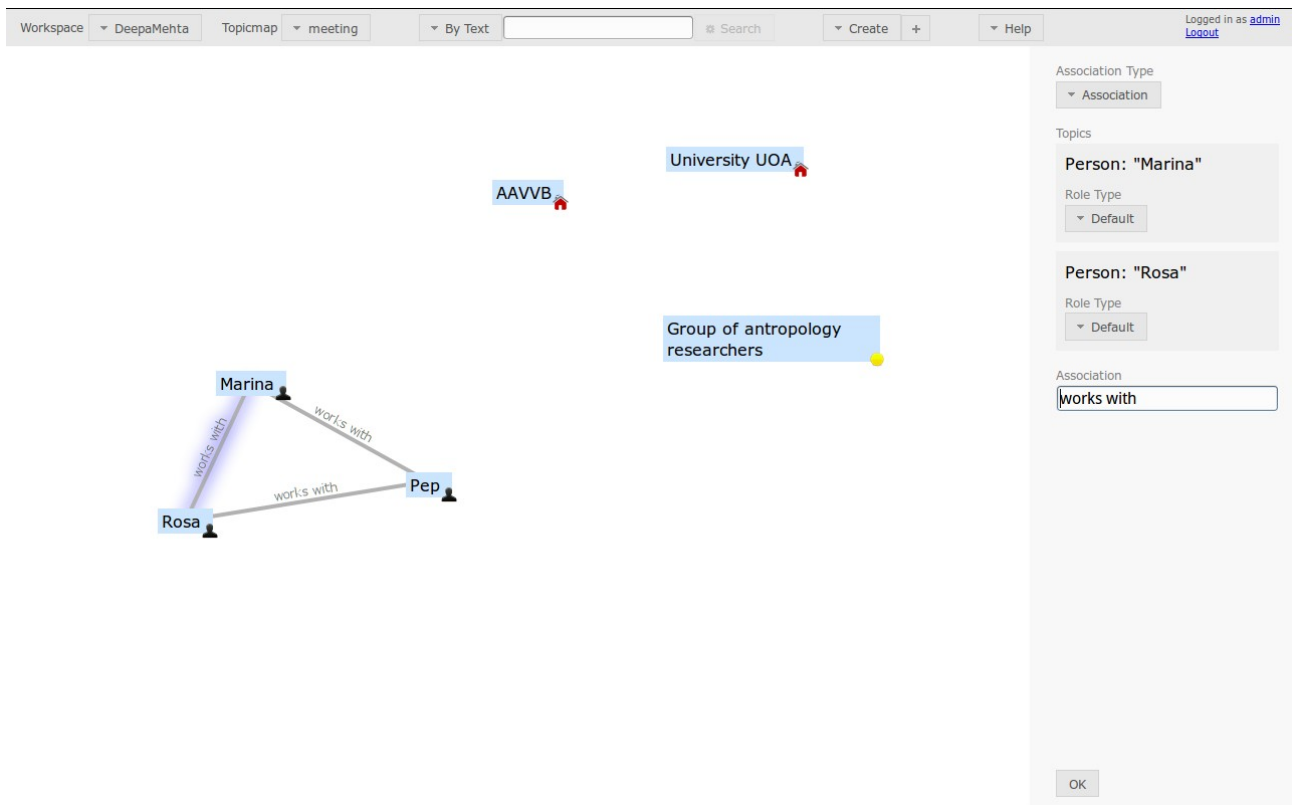
We repeat the same process to create the Relation between Marina and Pep, and Rosa and Pep. Now the three of them are connected.

[dm2_example08.png]



Another cool thing we can do, is to name the association, because associations are also editable, let's do it in a descriptive way, and write "works with".

[dm2_example09.png]



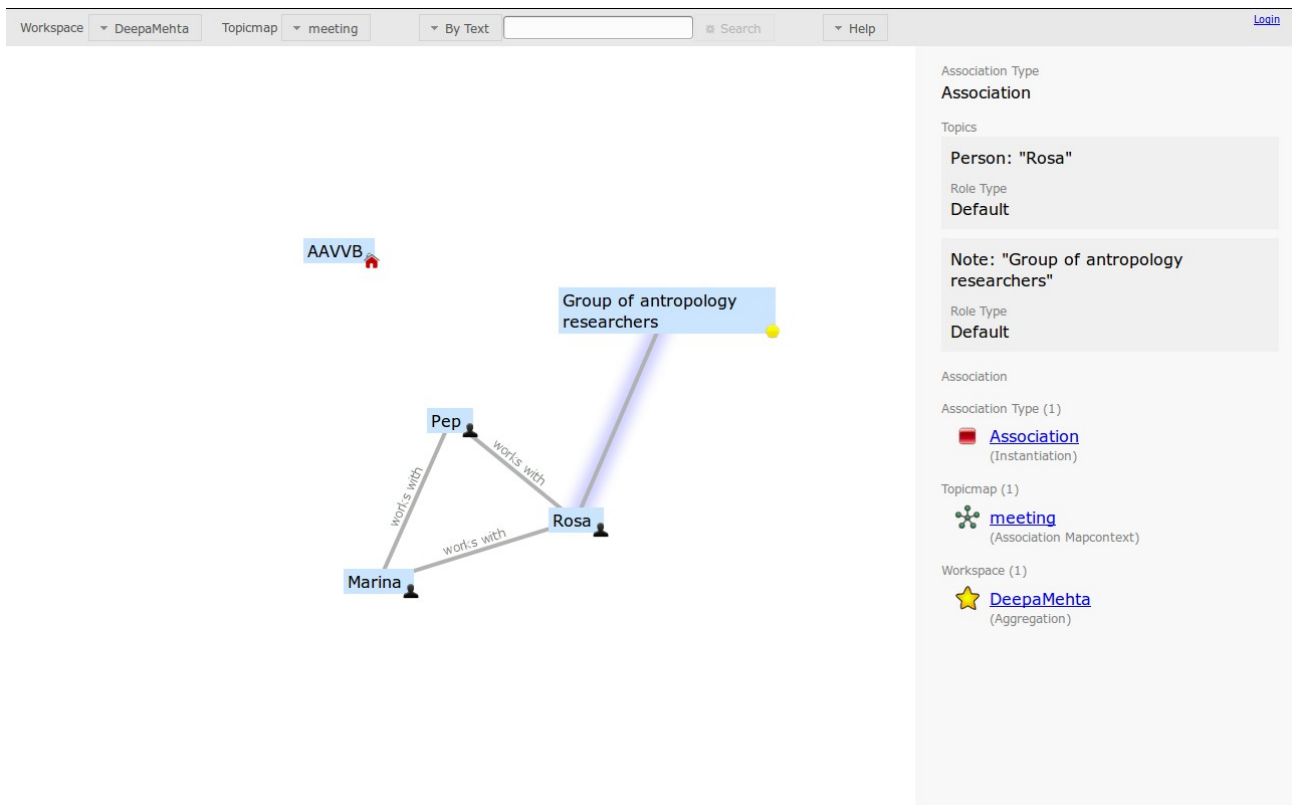
You can edit each of the other associations, to also name it.

Tip

If you double click on the Associations or the Topics they will become editable

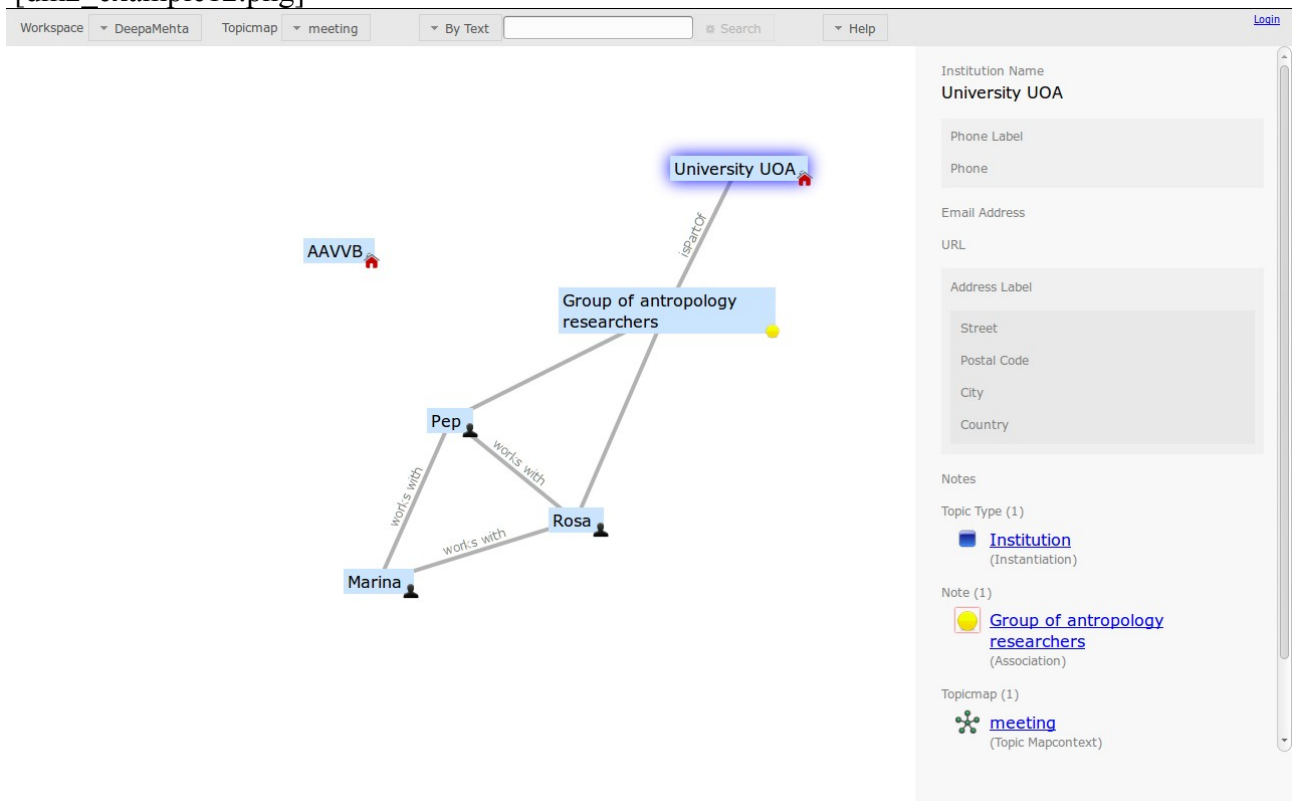
Now let's create the associations between the Note "Group of researchers" and Person Pep and Person Rosa

[dm2_example10.png]



But we know that the Group of researchers belong to the UOA University, so we can also establish the association between them, and name it, for example, isParOf, since the Group of researchers is part of the University.

[dm2_example12.png]



Now that we've been doing things, let's stop and put certain names to those things.

The screen is divided in three parts,

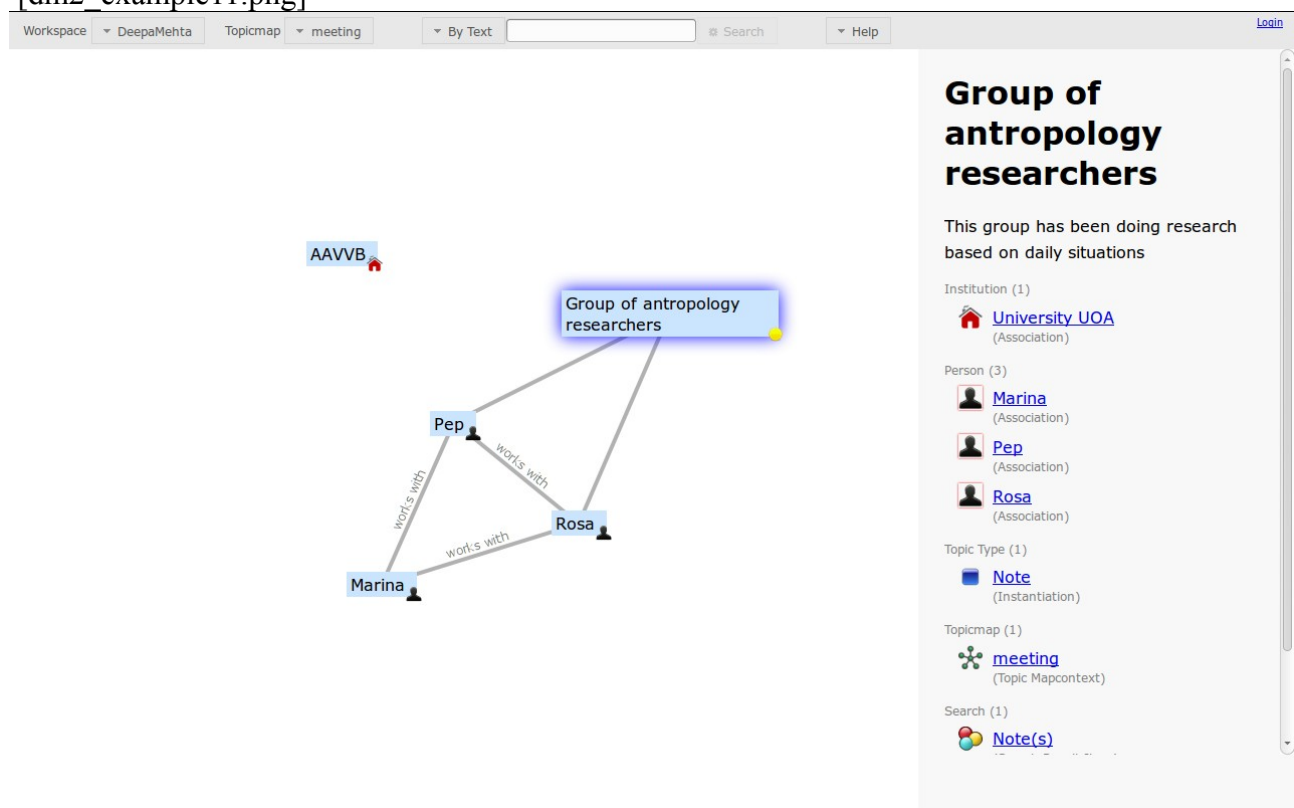
- a toolbar at the top,

- a left panel that is called Topicmap Panel, there you have the Topics and Associations

- a right panel that is called Detail Panel and shows the details about the item currently selected

Let's have a feeling of what we can see in the Detail Panel. If we click on the Note "Group of researchers", on the Detail Panel we can see on top we have a block of information that is the Name and the Description of the Note, below we can see that the Note is associated with other topics in the DM world, we'll go in detail later.

[dm2_example11.png]



No need to retain all this information, is just a first introduction to the information that appears in the Detail Panel, so let's do a break, get a cup of tea and back in a few minutes

Tea time!!!

[cup_of_tea_bagieu-bio.jpg]



Feeling better now, right? Ok, next thing we want to create is the project, how is related to the people and the web resource where we can find more information.

Probably you main area in the left panel is quite full, but if you click on it and drag it, it will move :)

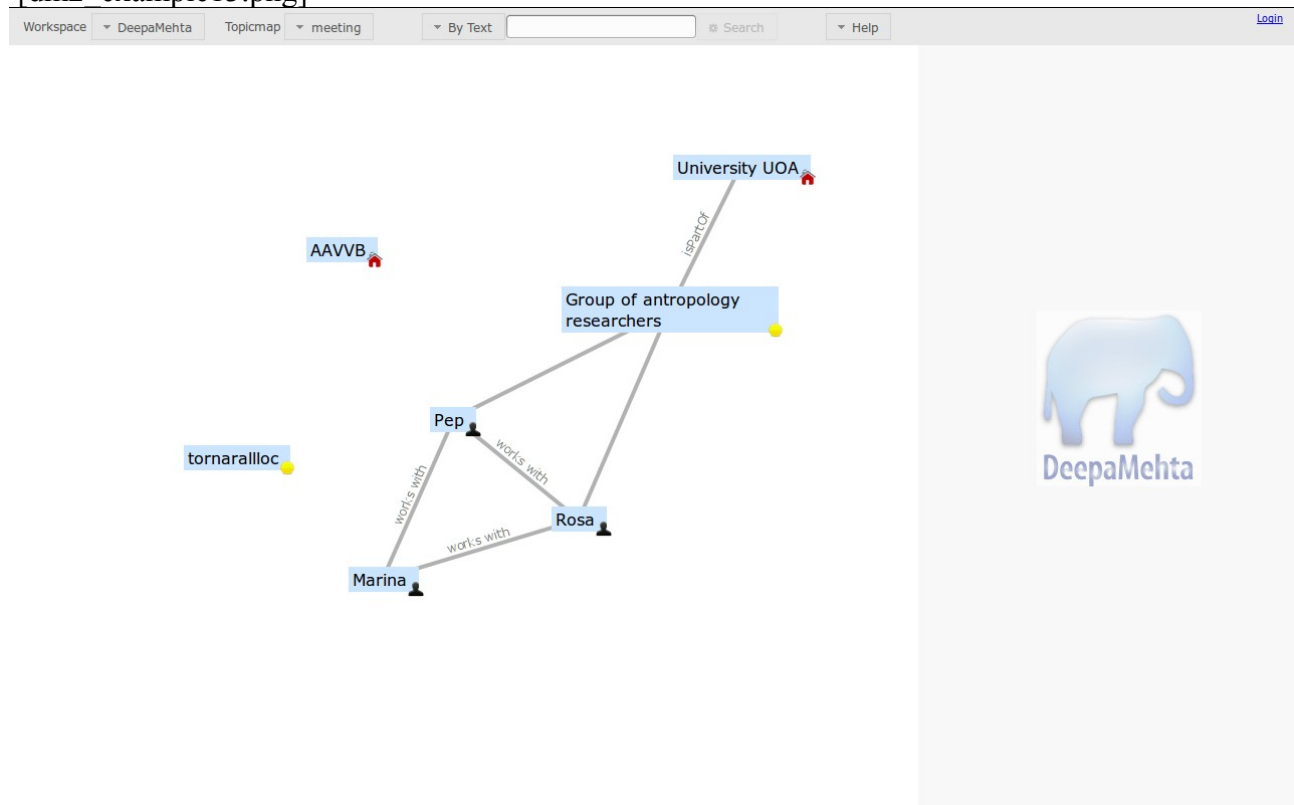
Tip

If you want to move the canvas, so that you can see better the topic map, you just have to click on the canvas and drag it until you locate the topic map where you want.

You can resize the Panels. You just need to put the mouse on the border between the two panels and when appears (put here the icon) just drag the panel to the size you want.

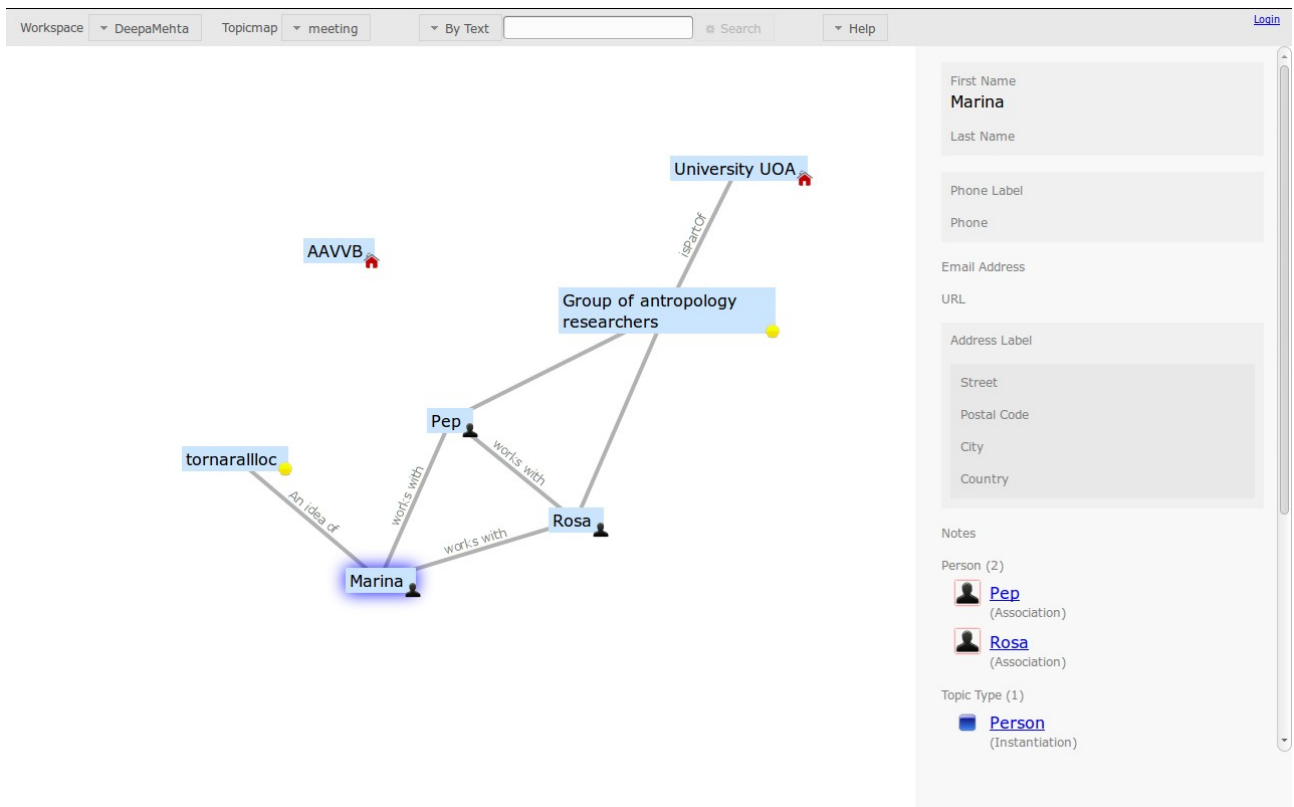
Once we've situated the canvas, we create another Note. We call it "Tornaralloc", the name of the project.

[dm2_example13.png]



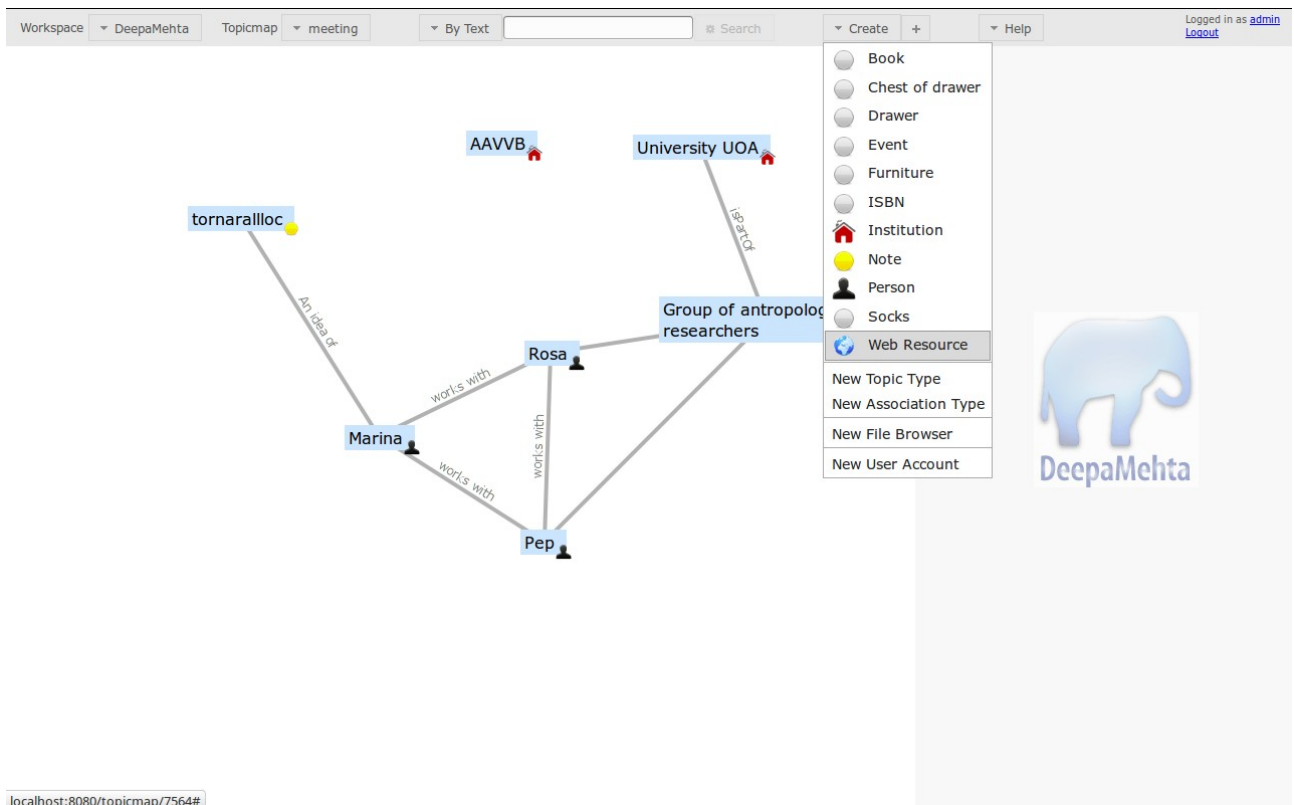
Next we associate it to Marina, we will call the association "An idea of"

[dm2_example16.png]



Next go to the Create menu in the toolbar and select Web resource, and we write the URL of the project

[dm2_example17.png]



Now we have a webresource associated to the project

[dm2_example18.png]

