

Project : the break-in of the century

Here, a bit of history : in year 1976, in Nice city, France, audacious burglars perpetrated one of the most famous break-in ever made, they drilled a tunnel, and used the sewers. So, this break-in is nicknamed : “paradise’s sewers” (more than 24 millions of euros in current money).

I propose you to see this break-in as an example of planned project.

With this tutorial, you will learn to :

- define complex tasks with predecessors and successors (linked tasks)
- set-up a “true” historical project in the past
- define milestones
- define deadline and due dates
- group tasks
- add pictures for resources, project and tasks.
- clone a resource
- produce a report

The team

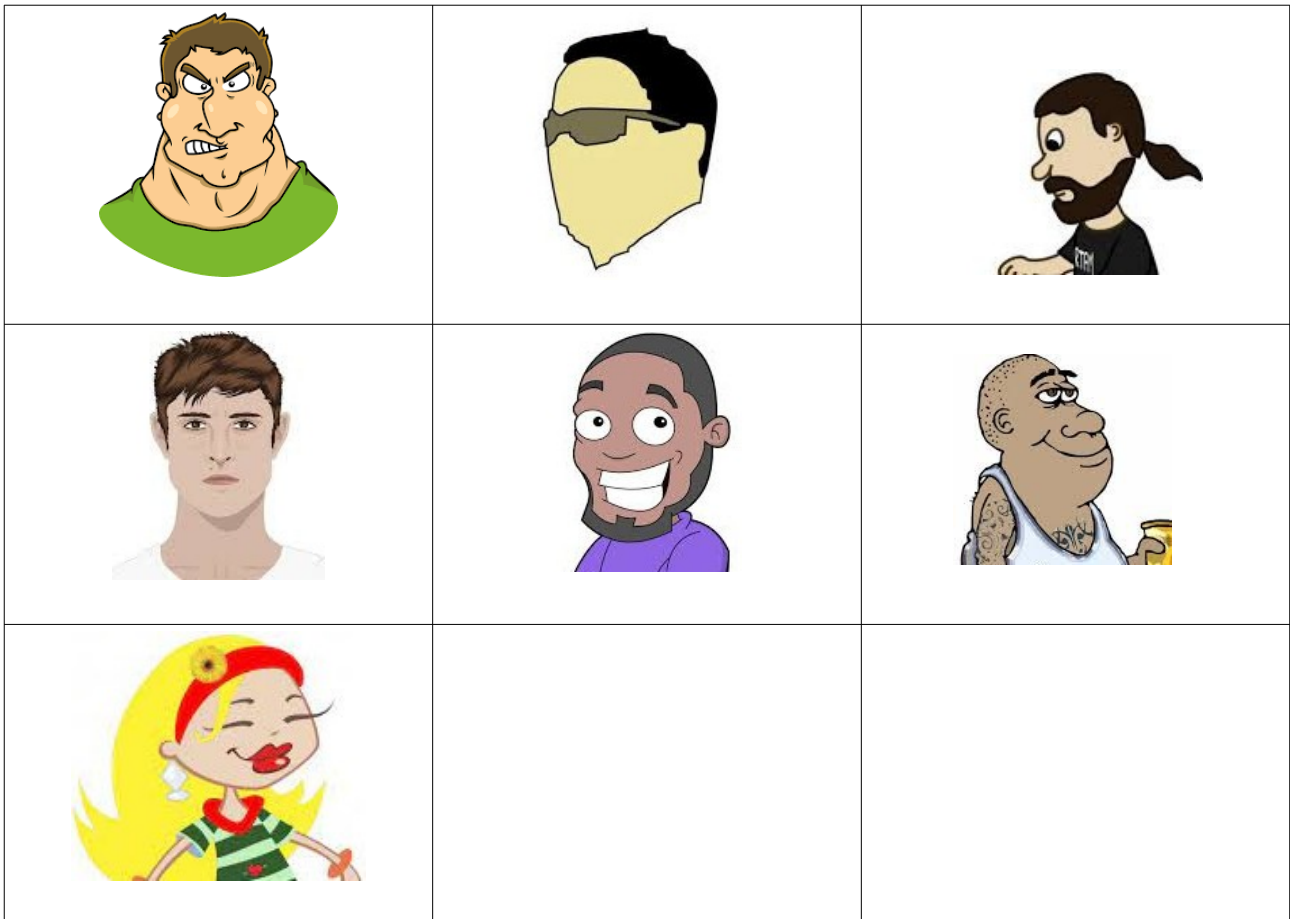
Albert Spaggiari, commando’s leader. Spaggiari, retired soldier and right-wing activist, recruited two “sub teams” ; the first team with only gangsters, the second team with only friends of him. The first team was nicknamed by its origin, “les marseillais” (they are gangsters from Marseille city).

SubTeam #1 : 6 members, Pierre, Joseph “the elder”, Jean “Gold mouth”, Mathieu, Saint-Jacques “the weasel”, Thomas “the ladykiller”.



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SubTeam #2 ; “68”, Gégé, Carlos, Rico, Nick, Biki, Mireille (the only woman).



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The two teams merged rapidly, because they became rapidly all confident for themselves.

The tools :

Radio scanners, tools for drilling, and so on.

The goal :

break-in the Société Générale Bank at Nice City.

The dates :

early month of 1974 to summer 1976

Let's go !

1. Prepare PlanLibre project

Collect various free (libre) pictures on the Internet for the teams, the tools, jewelry and so on. Store them on your hard-disk.

Choose menu *project*>*properties*.

Fill fields with those values :
 starting date : 1st january 1974
 ending date : 31 december 1976
 Project manager : YOU or Albert Spaggiari
 Project summary : break-in the Société Général Bank at Nice city.
 Add a picture for organization logo.
 The “properties” dialog should look like this :

Project's properties
 Define and modify project's properties and various global values.

Identification :
 Title :
 Summary :

Description :
 Starting date : Default schedule : from 09:00 to 18:00
 Ending date :
 Location : GPS coordinates :

Budget :
 Amount : Units :

Team :
 Project's manager :
 Manager's mail :
 Manager's phone :
 Organization :
 Organization/project website :
 Organization logo :

There isn't any calendar constraint, gangsters are supposed to work every days !
 Save your project. Quit PlanLibre, and reload the project file : PlanLibre move automatically the timeline view to the year 1974.



Now, we add teams #1, #2 and Albert Spaggiari as resources for our project. I remind you how to proceed : switch to “resources” view, and click the [+] button in order to add a new resource. You can modify an existing resource by clicking on the editing button [|] for each resource.

Add resource button	Modify resource button
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here is how I fill the dialog fields for the team leader :

Modify a ressource


Ressource
Here, you can add a **new** ressource or **modify** an existing one.

Description :

Name: type:

Mail: Phone:

Cost:

Photo: 

Color:

Belongs to:

Reminder:

Date and Time management :

☒ Monday ☒ Tuesday ☒ Wednesday
☒ Thursday ☒ Friday ☐ Saturday
☐ Sunday

Calendar: Maximum daily working time: Hrs. Min.

Proceed for all other men an woman.


Ressource
Here, you can add a **new** ressource or **modify** an existing one.

Description :

Name: type:

Mail: Phone:

Cost:

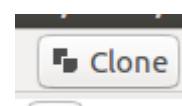
Photo: 

Color:

Belongs to:

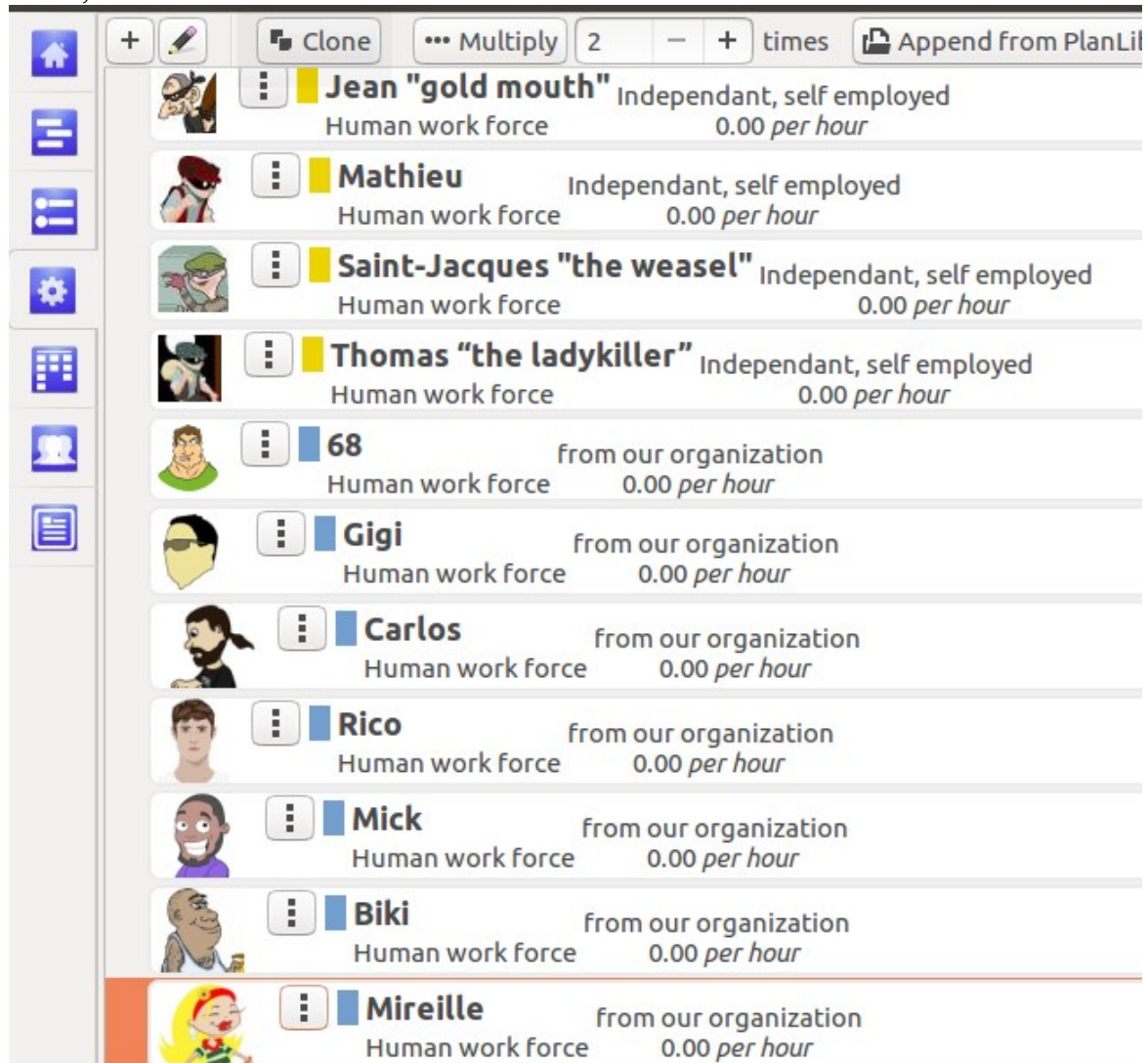
Reminder:

I used a color code : yellow for team #1, blue for team #2.



Tip : you can gain some time by using “clone” button : select a resource, click on {clone} button, then edit/modify the clone, only for few elements.

Once done, the resource view should look like this :



Now, it's time to add material resources : here is a simplified list of resources, I let you to add them to project's resources list. We don't care about costs, since this tutorial isn't aimed to learn you to compute monetary costs with PlanLibre.

Name

Radio scanner, Drilling machine, Mace , Hammer, Blowtorch , Shovel , Pick , Ropes , Bags

Now, it's time to learn task placement and group definitions. Let's go !

2. Plan tasks and define groups of tasks

Here we have to think a bit : a break-in supposes many tasks, but, really, those tasks are gathered by main categories :

- preparation tasks
- deployment tasks
- digging tasks
- execution tasks
- terminating tasks.

Thus, we have defined 5 “groups” for this step. Please, switch to “tasks” view. Like for resources, click on [+] button to add a *new task*, and once done, you can modify an existing task by clicking on its edit button. Please have a look on this 3 buttons, from left to right :

- add a new task
- add a group
- add a milestone



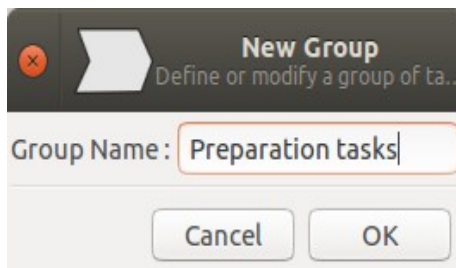
Please, look at this table :

Groups of tasks	tasks	Duration (* means supposed)	When ?	Who, how ?
Preparation tasks				
	Get informations from a banker	1 day*	1 January 1974	Albert Spaggiari
	Rent a strong box in the bank	1 day*	February 1974	Albert Spaggiari
	hang out with employees of the bank in order to get more informations	12 month*	Feb 1974, june 1976	Albert Spaggiari
	Assess walls' thickness	1 week*	March 1974	Albert Spaggiari
	Draw an approximate plan of the bank	1 week*	March 1974	Albert Spaggiari
Recruiting				
	Talks with Marseille's gang Zampa	1 week*	March 1974	Albert Spaggiari
	Recruiting team #1	1 month*	March 1974	Albert Spaggiari
	Recruiting team #2	1 week*	March 1974	Albert Spaggiari
	Agreement on booty sharing with Zampas	1 day	7 april 1974	Albert Spaggiari, Pierre
	Milestone #1			
Deployment				
	Steal material and tools due to lack of money	4 months*	April 1974-october 1974	Albert Spaggiari,, members of team #1 and team #2
	Rent an appartement as a base camp	24 months	April 1974-july 1976	Albert Spaggiari,
	Spotting sewers	1 day	8 april 1974	Albert Spaggiari,,

				Pierre, 68, Joseph
	Gathering materials	3 months*	9 april 1974>10 july 1974	Members of team #1
	Drawing a map of sewers and loojking for an access to the bank	1 month*	9 april 1974>10 may 1974	Albert Spaggiari,
	Milestone #2			
Digging				
	First descent in sewers	1 night	7 may 1976	Whole team
	dig a 8 meters tunnel to the bank	2 months	8 may 1976>*8 july 1976	Whole team
Execution tasks				
	Open strongboxes, get jewelry	3 nights	16 july 1976>19 july 1976	Whole team
	Milestone #3			
Terminating tasks				
	Booty sharing	1 day	20 july 1976*	Albert Spaggiari and team #1
	Escape from France to USA	3 days	28 july 1976*	Albert Spaggiari,
	Arrestation in USA	1 day	27 october 1976	Albert Spaggiari,
	Milestone #4 : end of game			

Now, we have enter datas : switch to “tasks view”, and let’s go !

- first we create an empty group : click on “new group” button ; a dialog appears. Type all datas like me :

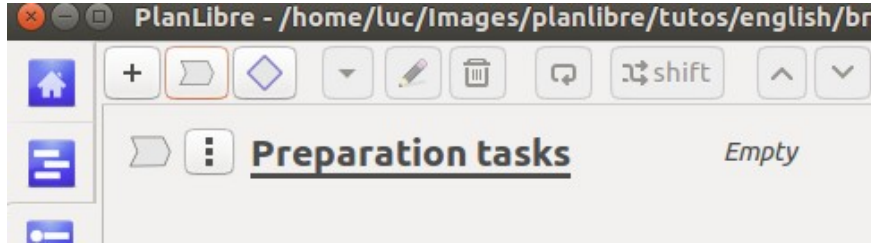


New Group
Define or modify a group of ta...

Group Name: Preparation tasks

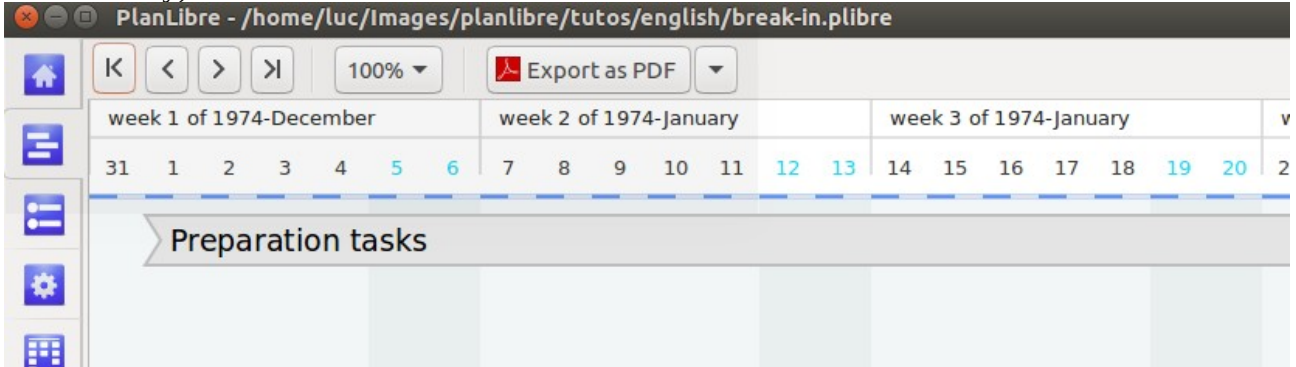
Cancel OK

An here is the result :



Please notice the “arrow” icon on the left side, and the fact that the group’s name is in bold and underlined.

Switch to “timeline view”, and notice how the group is displayed (the length of the arrow will adapt automatically) :



Switch again to “tasks view”, and now please add a new task, and enter datas like me :

New task
Define or modify a task.

Name : Group :








Starting date : Due :

Duration (days, hours) : - -

Priority : Status : Progress (%) : -

Category : Color :

Ressources required :

Use	Avatar	Ressource name	Cost	Id
<input checked="" type="checkbox"/>		Albert Spaggiari	0.00	1
<input type="checkbox"/>		Pierre	0.00	2
<input type="checkbox"/>		Joseph "the elder"	0.00	3
<input type="checkbox"/>		Jean "gold mouth"	0.00	4
<input type="checkbox"/>		Mathieu	0.00	5
<input type="checkbox"/>		Saint-Jacques "the weasel"	0.00	6
<input type="checkbox"/>		Thomas "the ladykiller"	0.00	7

Tasks required :

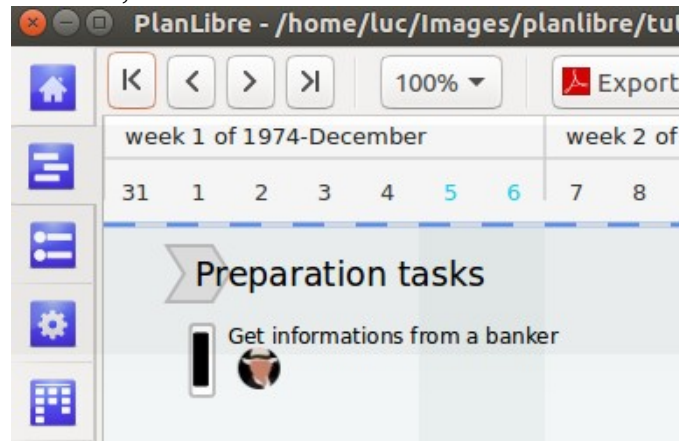
Use	Categ.	Task name	Id	Link

Don't forget to select the group "preparation" on the drop down menu, and, mostly, check Albert Spaggiari as resource. Click Ok, and see the result :



You can see something interesting :

- a small icon on the top left for this task, indicating that the task *belongs to the group* “Preparation tasks”.
 - the task is shifted to the right, because it belongs to this group.
- Please switch to “timeline view”, and see !



- the size of the arrow as reduced, because its length depends of the longest task linked to it.
- when we will add more tasks, the length of arrow will increase.
- the task starts 1st january and lasts 1 day, please see the length of the task’s rectangle.
- the task use the resource “Albert Spaggiari” as show the rounded icon

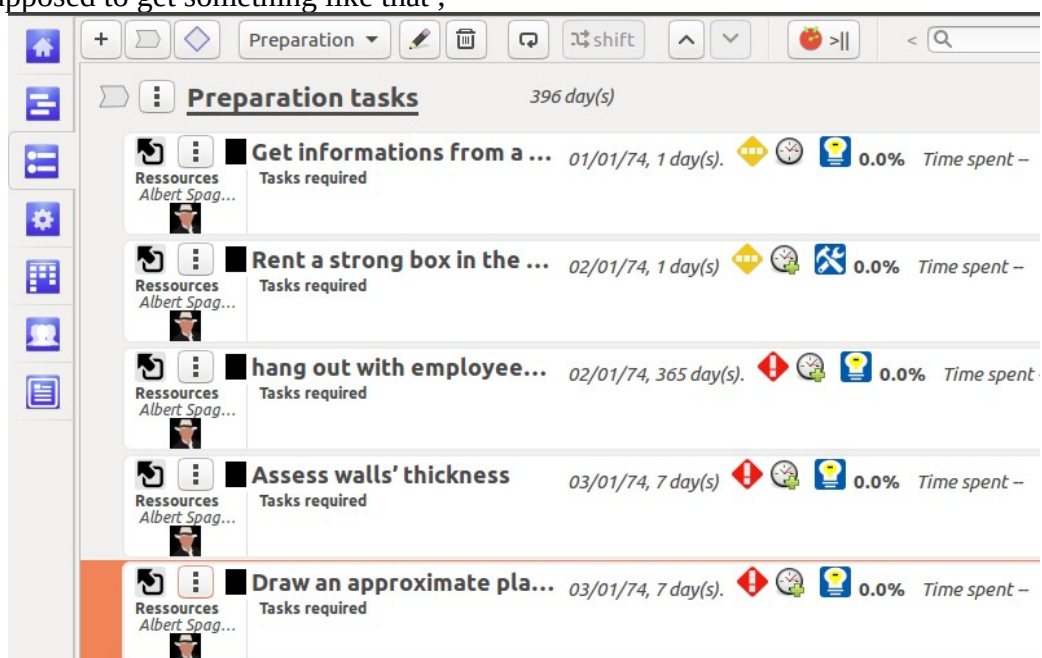
Switch again to “tasks view”.

At this step, I’m confident, you can add all the remaining tasks belonging to “preparation group”. I wait you, but don’t try to add a milestone for now, please !

Tip : you can use up and down buttons to move up or down a task

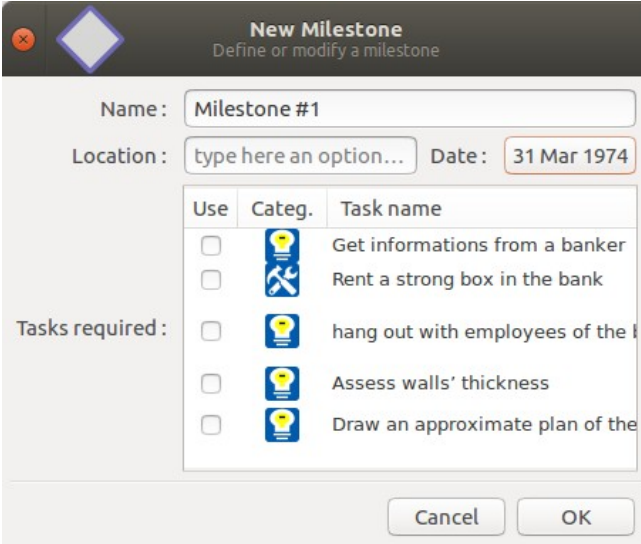


You’re supposed to get something like that ;



Now, it’s time to put a milestone. Click on milestone button. A dialog appears :

Enter datas like in this picture :
 Please, don't check anything, I will explain you that later.
 Then click Ok button, and the the changes, firstly in "tasks view" and secondly, in "timeline view".



New Milestone
 Define or modify a milestone

Name:

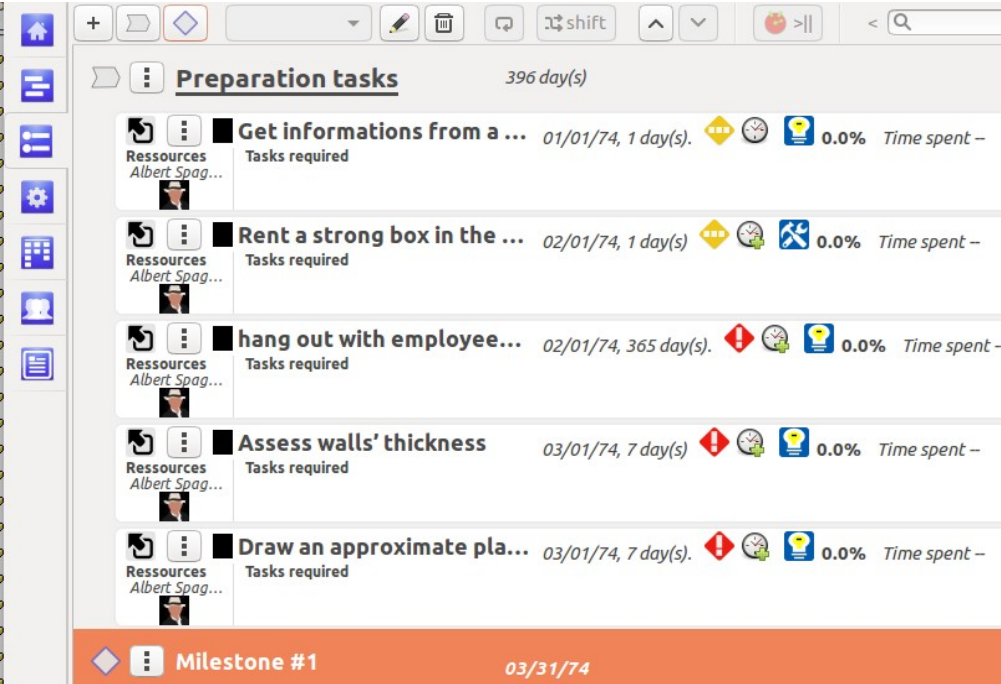
Location: Date:

Use	Categ.	Task name
<input type="checkbox"/>		Get informations from a banker
<input type="checkbox"/>		Rent a strong box in the bank
<input type="checkbox"/>		hang out with employees of the I
<input type="checkbox"/>		Assess walls' thickness
<input type="checkbox"/>		Draw an approximate plan of the

Tasks required :

Cancel OK

Tasks view :

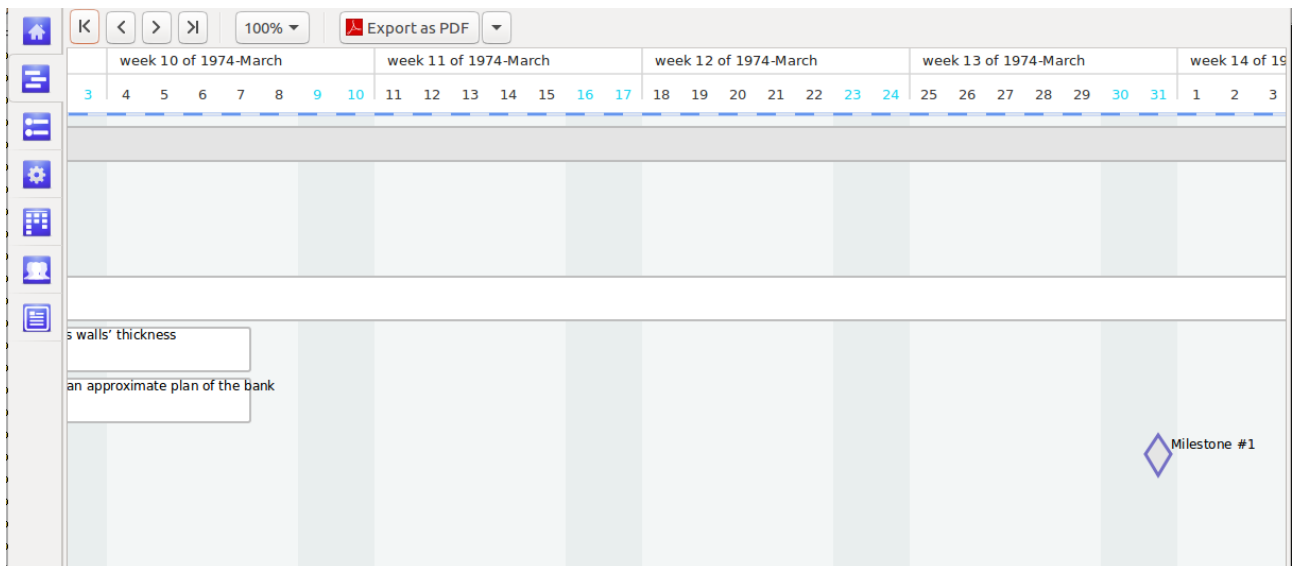


Preparation tasks 396 day(s)

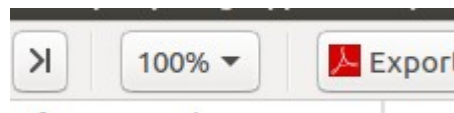
Task name	Start date	Duration	Progress	Time spent
Get informations from a ...	01/01/74	1 day(s)	0.0%	Time spent -
Rent a strong box in the ...	02/01/74	1 day(s)	0.0%	Time spent -
hang out with employee...	02/01/74	365 day(s)	0.0%	Time spent -
Assess walls' thickness	03/01/74	7 day(s)	0.0%	Time spent -
Draw an approximate pla...	03/01/74	7 day(s)	0.0%	Time spent -

Milestone #1 03/31/74

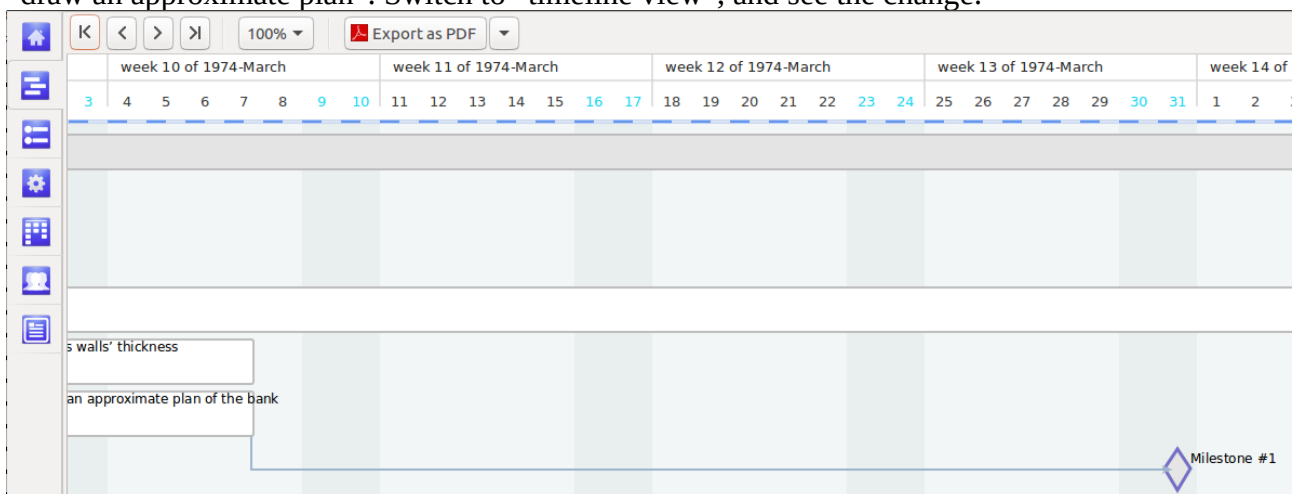
Timeline View :



(please, use sliders to advance timeline to March 1974 ; you can also use “zooming” drop-down menu button on the top bar :



Now, it's time to understand *predecessors and successors* of task ; for Albert Spaggiari, the task “draw an approximate plan of the bank” is a go/no-go case ; so, the milestone #1 requires that this task is finished. Thus, this task is an *predecessor* of the milestone #1. We will tell that to PlanLibre. Switch to the “task view”, and click on edit button for Milestone #1. In the dialog, check the task “draw an approximate plan”. Switch to “timeline view”, and see the change.



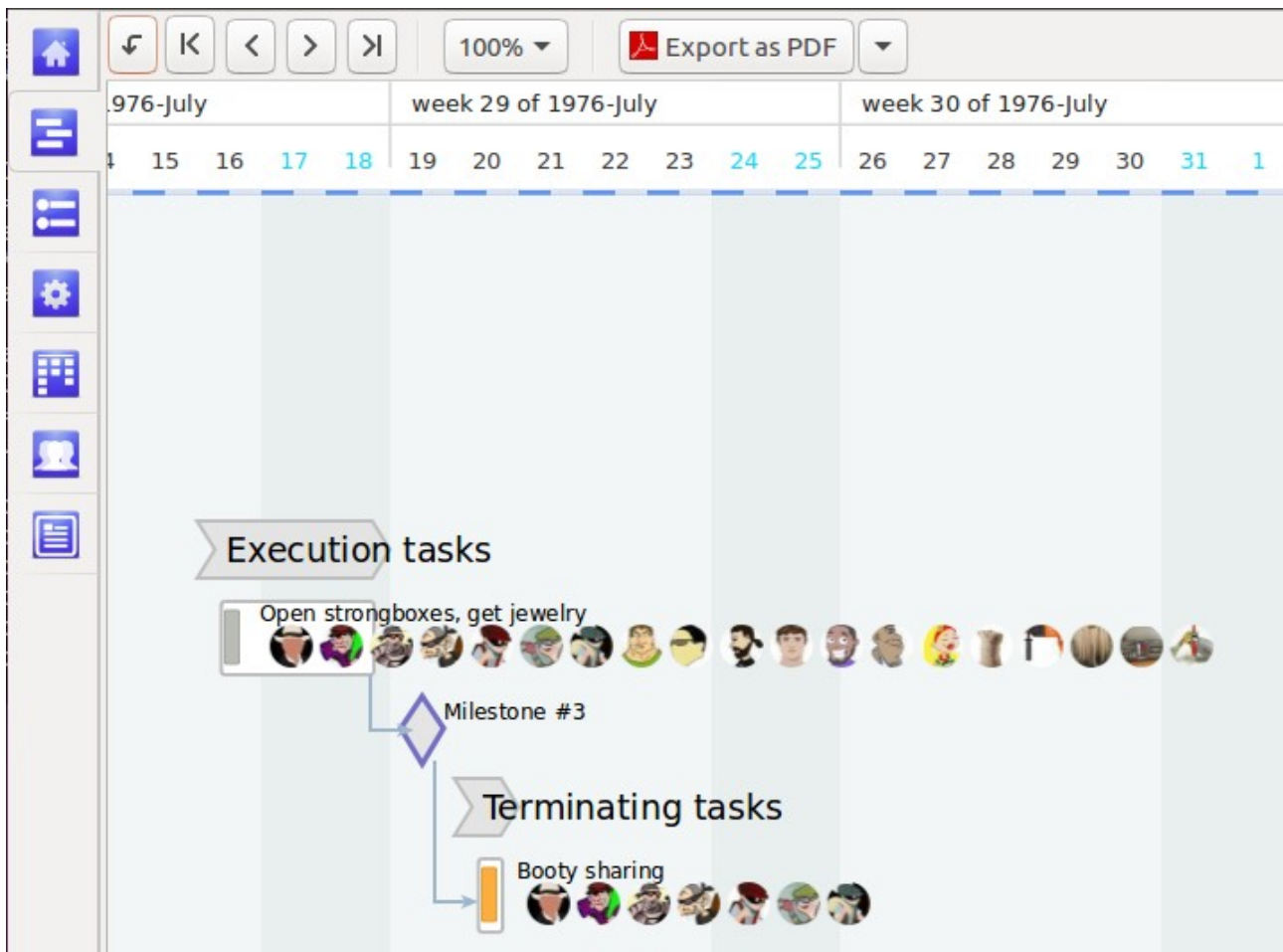
Useless for now, but this function (define predecessors or successors) is a key function in a planning application ; keep in mind how to set a link. In this tutorial, we will not explore more, we will see the power of this function in another tutorial.

Tip : you can get edit directly from Timeline by right-click on a task, a group or a milestone.

Tip : when you link a milestone to a predecessor, you haven't to compute a date ; PlanLibre adjusts milestone's date.

Now, please, add all other tasks, groups and milestones ; don't forget to “link” each milestone with its immediate ancestor.

Here is an example, a screenshot from the timeline :



- we have 2 groups
- every task as its resources displayed
- we have a link between milestone #3 and two task : obviously, *it's impossible to share booty if we haven't opened strongboxes !*

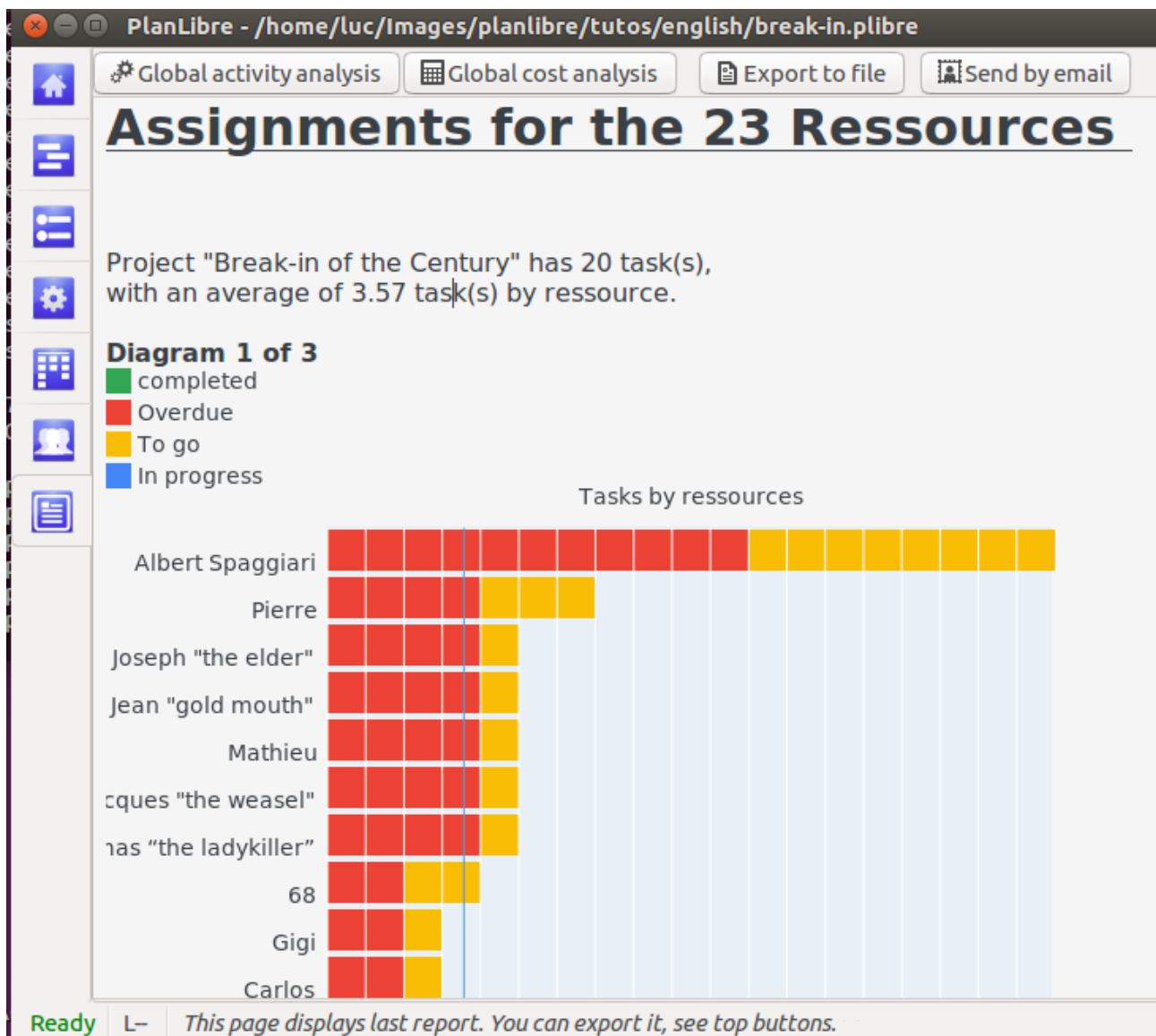
3. Reporting functions

In this section, we will see to set-up a report and export the report to a word processor. Dont' forget to achieve placement of all tasks (with their resources), groups and milestones.
Switch to the "report view".

As a basic example, we want to know who, among team members, was more involved in project.
Please, switch to "report" view.

Choose menu *Reports>Global activity analysis*

We get a diagram : here is a screenshot :



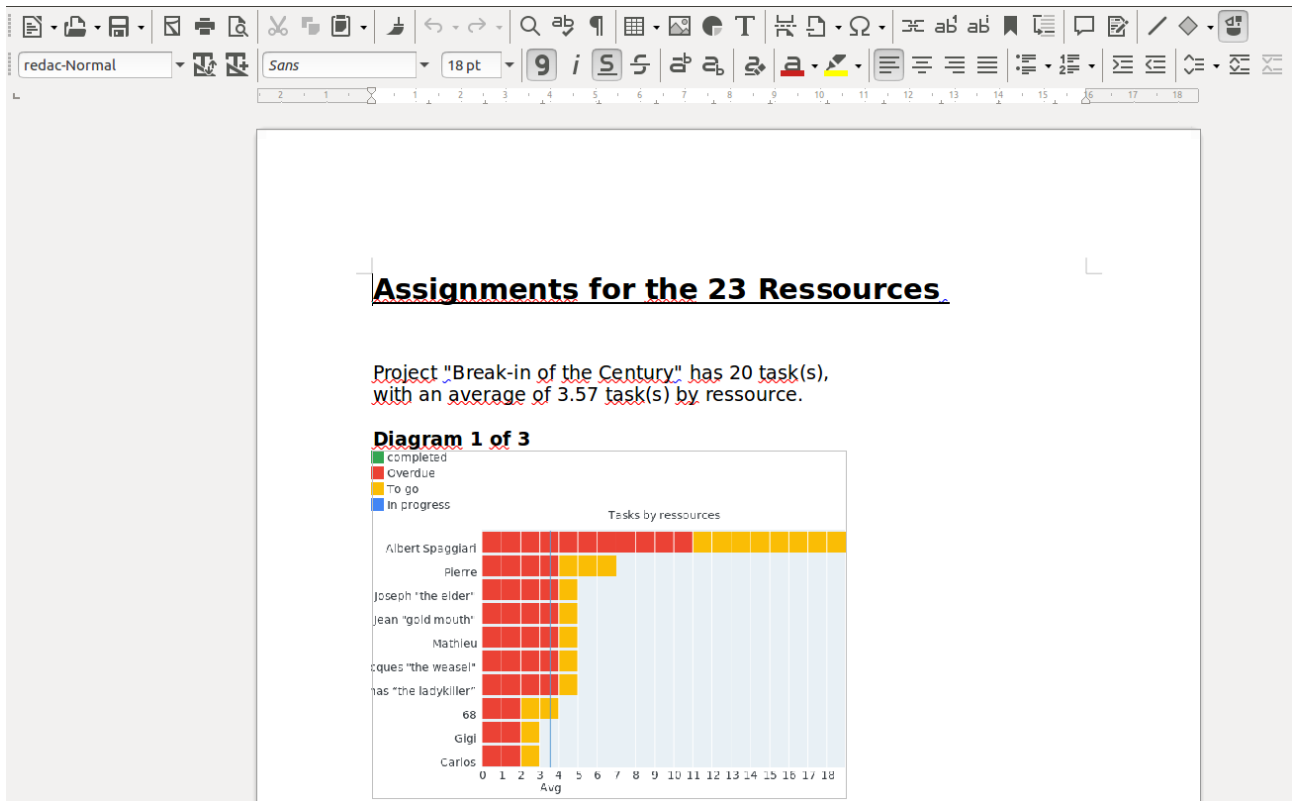
Nobody will be surprised that Albert Spaggiari was very involved in project !

PlanLibre has produced several diagrams, use sliders to discover the others.

Tip : you can type any text on this view, but, *be careful ! You can't undo any wrong operation in the report view !*

Since we are happy with this report, we can export it or send it by email. For example, I've chosen a local file exportation (in RTF format, in order to be easily imported by a word processor).

Here is the report, once imported in LibreOffice :



End of this tutorial