



Dashboard OAR - Task Manager

BELGUENDOUZ Sekina

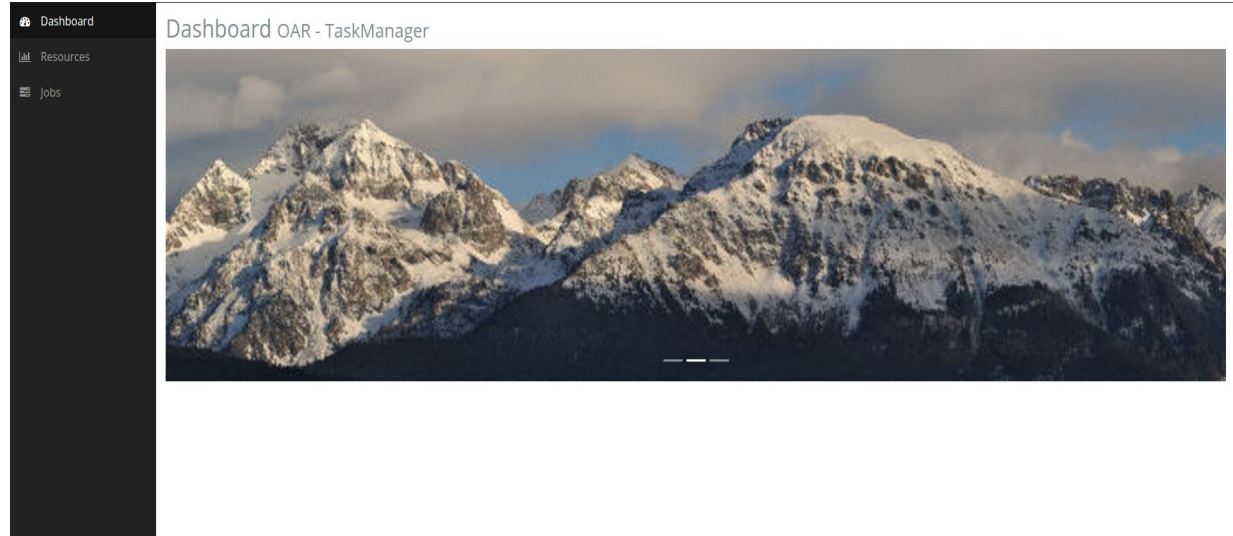
LARNICAL Titouan



INTRODUCTION

- 1 *Context*
- 2 *Technologies*
- 3 *Conception*
- 4 *Conclusion*

Dashboard OAR - Task Manager



CONTEXT

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OAR a resource and task manager for HPC clusters, and other computing infrastructures

[illegible]

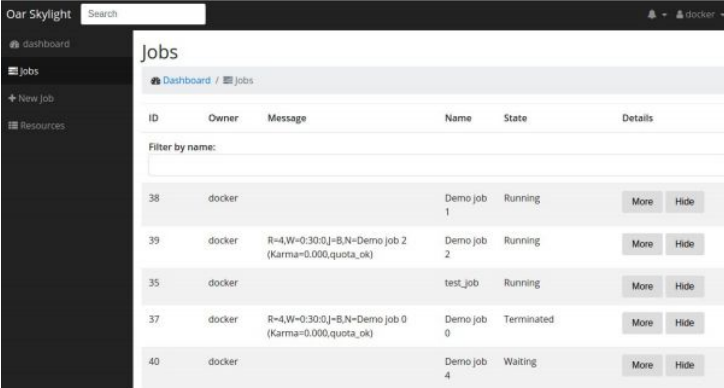
```
seklna@seklna-X550CC:~/Documents/Projet/oar-stretch$ oardocker connect server
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
docker@server ~
$
docker@server ~
$
docker@server ~
$
docker@server ~
$
docker@server ~
$
docker@server ~
$
```

CONTEXT

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Oar SkyLight
Already existing dashboard



The screenshot shows the Oar SkyLight dashboard. On the left is a dark sidebar with navigation links: 'dashboard', 'Jobs', '+ New Job', and 'Resources'. The main area is titled 'Jobs' and contains a table of job entries. The table has columns for ID, Owner, Message, Name, State, and Details. There are five rows of data, each with 'More' and 'Hide' buttons in the Details column.

ID	Owner	Message	Name	State	Details
38	docker		Demo job 1	Running	<button>More</button> <button>Hide</button>
39	docker	R=4,W=0.30.0,J=8,N=Demo job 2 (Karma=0.000,quota_ok)	Demo job 2	Running	<button>More</button> <button>Hide</button>
35	docker		test_job	Running	<button>More</button> <button>Hide</button>
37	docker	R=4,W=0.30.0,J=8,N=Demo job 0 (Karma=0.000,quota_ok)	Demo job 0	Terminated	<button>More</button> <button>Hide</button>
40	docker		Demo job 4	Waiting	<button>More</button> <button>Hide</button>

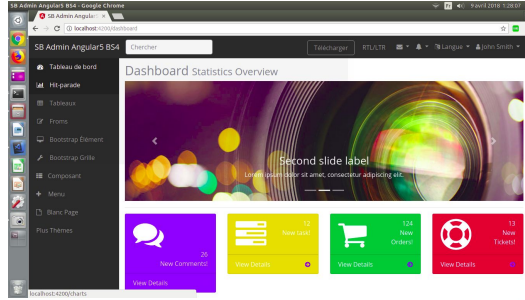


ANGULAR 5

TECHNOLOGIES

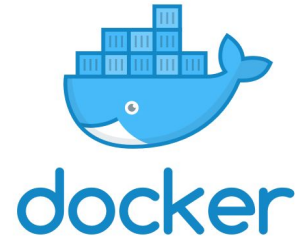
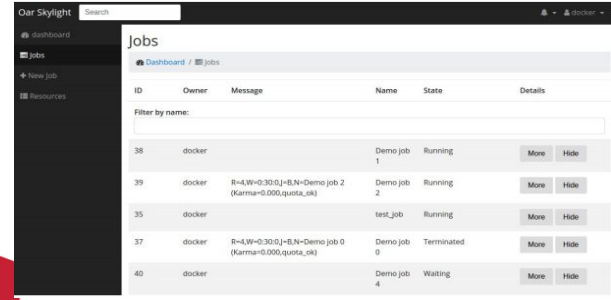
- 1 Context
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SB-Admin-BS4-Angular-5



ANGULAR 5

Oar SkyLight



CONCEPTION

- 1 Context
- 2 Technologies
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The first screenshot shows the login page of the OAR - TaskManager dashboard. It features a dark header with a user search bar and a sidebar with navigation links for Dashboard, Resources, and Jobs. The main content area has a login form with fields for Username and Password, and a 'Login' button. Below the login form is a 'Resources' section with a table listing resources.

ID	State	Timestamp	network address
1	Alive	1523229767	node1
2	Alive	1523229767	node1
3	Alive	1523229767	node1
4	Alive	1523229767	node1
5	Alive	1523229767	node1

The second screenshot shows the 'New Resource' page. It has a dark header and a sidebar. The main content area has a form with fields for 'Name your resource' and 'Text area', and buttons for 'Create' and 'Reset Button'.

The third screenshot shows the 'JOBS' page. It has a dark header and a sidebar. The main content area has a table listing jobs with columns for ID, Owner, Message, Name, and State. Below the table is a 'Submit Job' button.

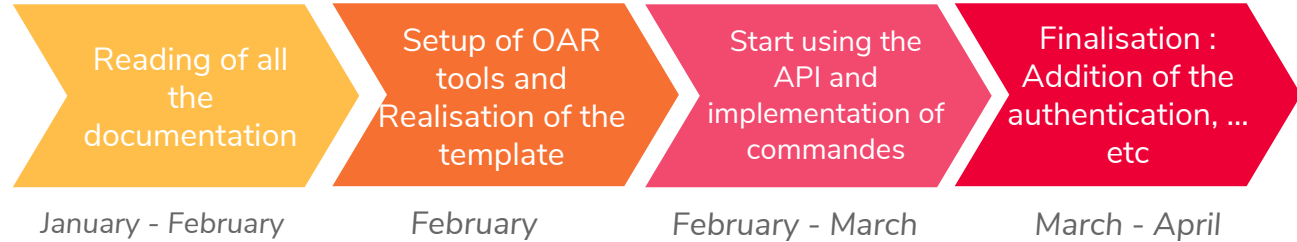
ID	Owner	Message	Name	State
1	docker			Running
2	docker			Running
3	docker			Running
4	docker			Waiting
5	docker			Waiting

The fourth screenshot shows the 'New Job' page. It has a dark header and a sidebar. The main content area has a form with fields for 'Nodes', 'Number of nodes', 'Name', 'File to run', 'Types', and 'Reservation dates'. There are also buttons for 'Submit Job' and 'Reset Button'.

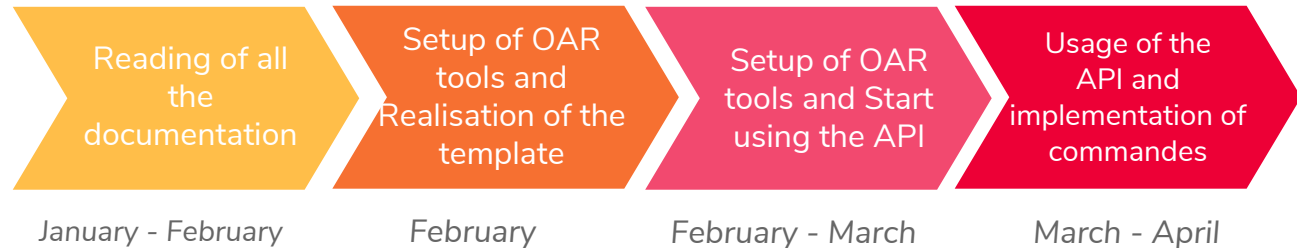
CONCEPTION

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Prevision

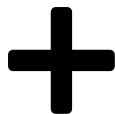


Progress



CONCLUSION

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- Reinforcement in Angular 5.



- Usage of docker



- Challenge:
Complex developing environment (docker, API)



- Developing environment too complex ?
- Complicated set-up
- Very few coding moment because of the difficulties encountered
- Tendency to not ask for help at the beginning

A hand holding a pen is positioned over a computer mouse on a wooden desk. A large, white question mark is superimposed over the scene, centered above the mouse. The background is a warm, orange-toned image of a computer setup, including a keyboard and a monitor stand.

?

QUESTIONS



DEMONSTRATION