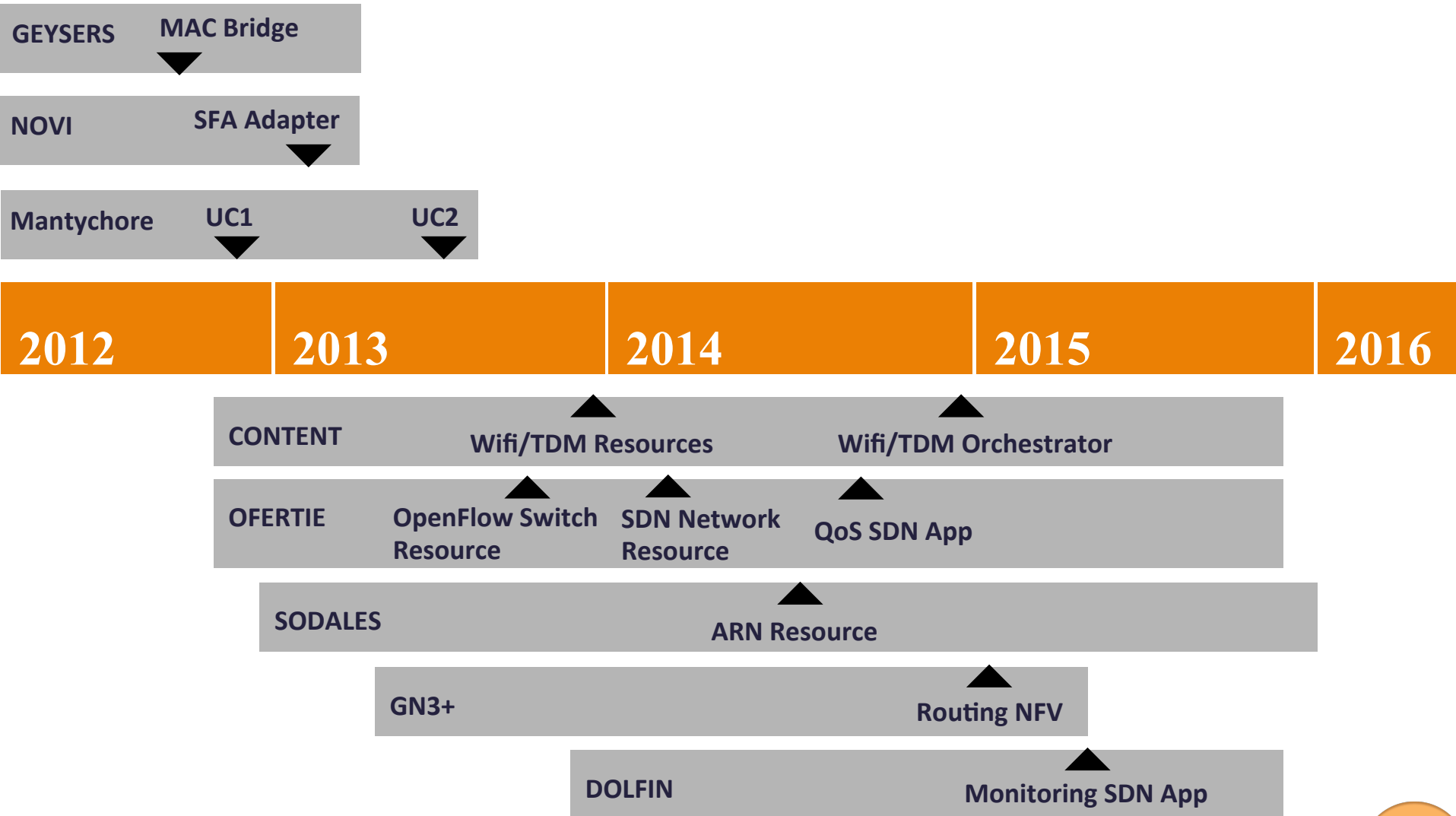




www. **OpenNaaS** .org

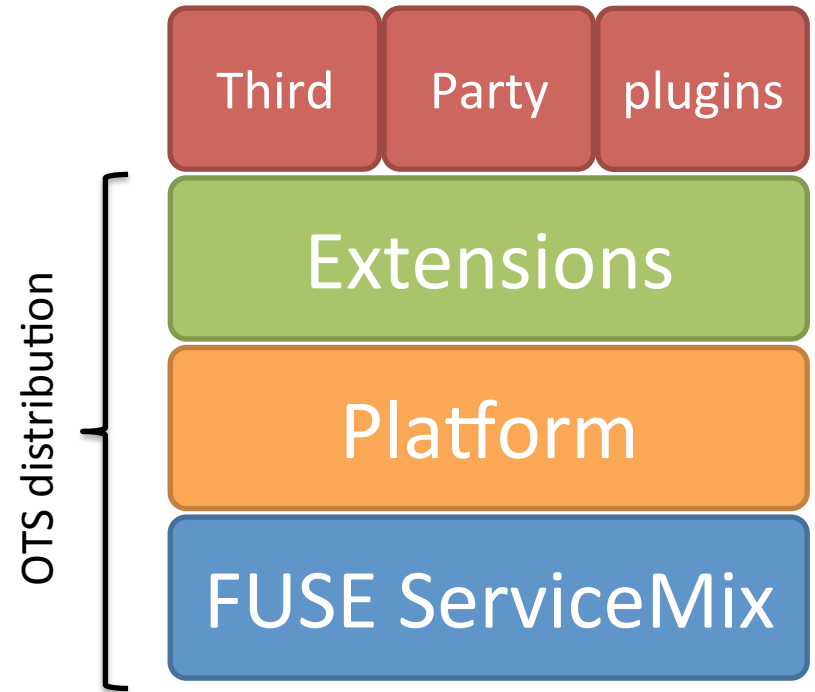
EGI Technical Forum 2013

# OpenNaaS Extensions Roadmap

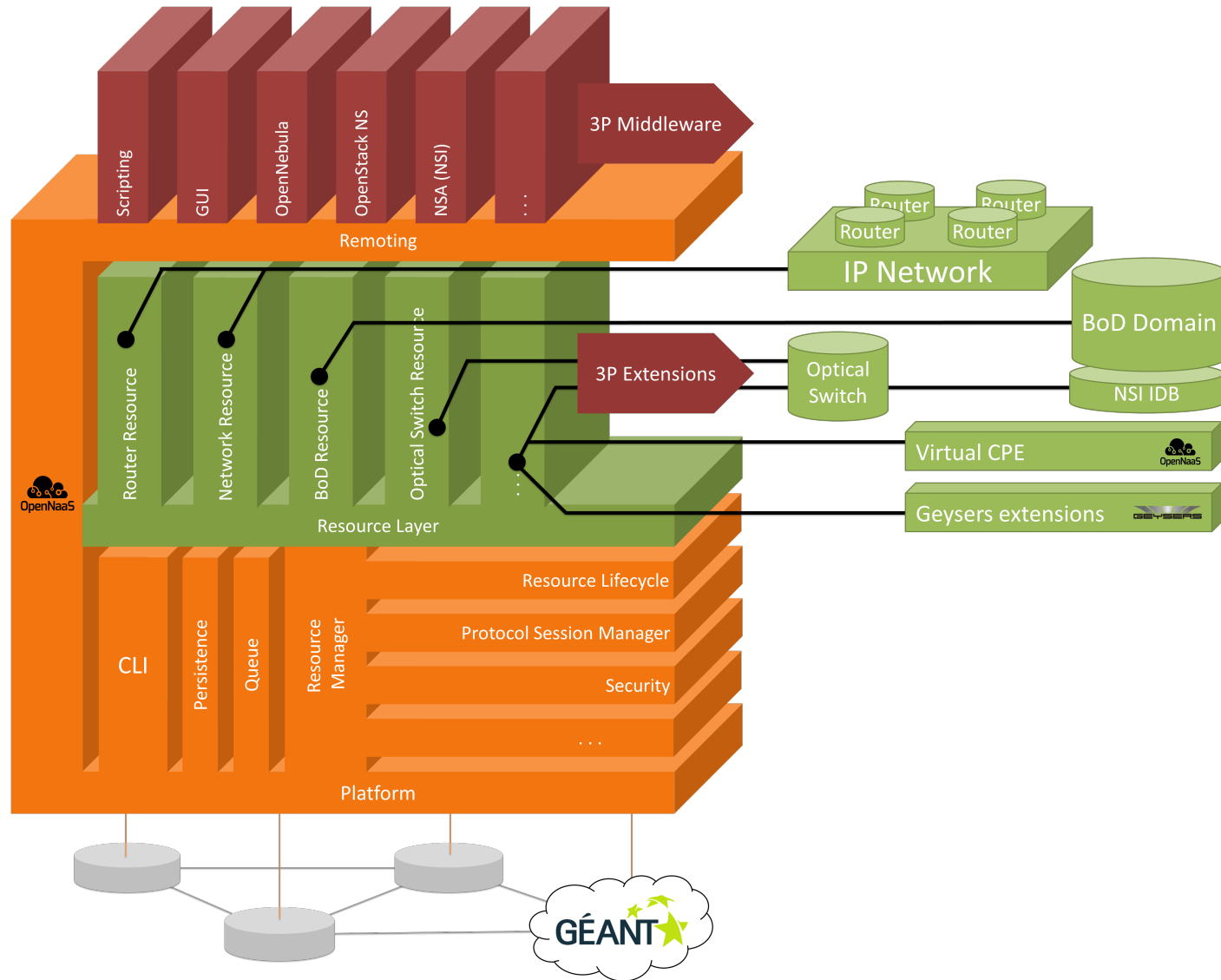


# OpenNaaS Stakeholders

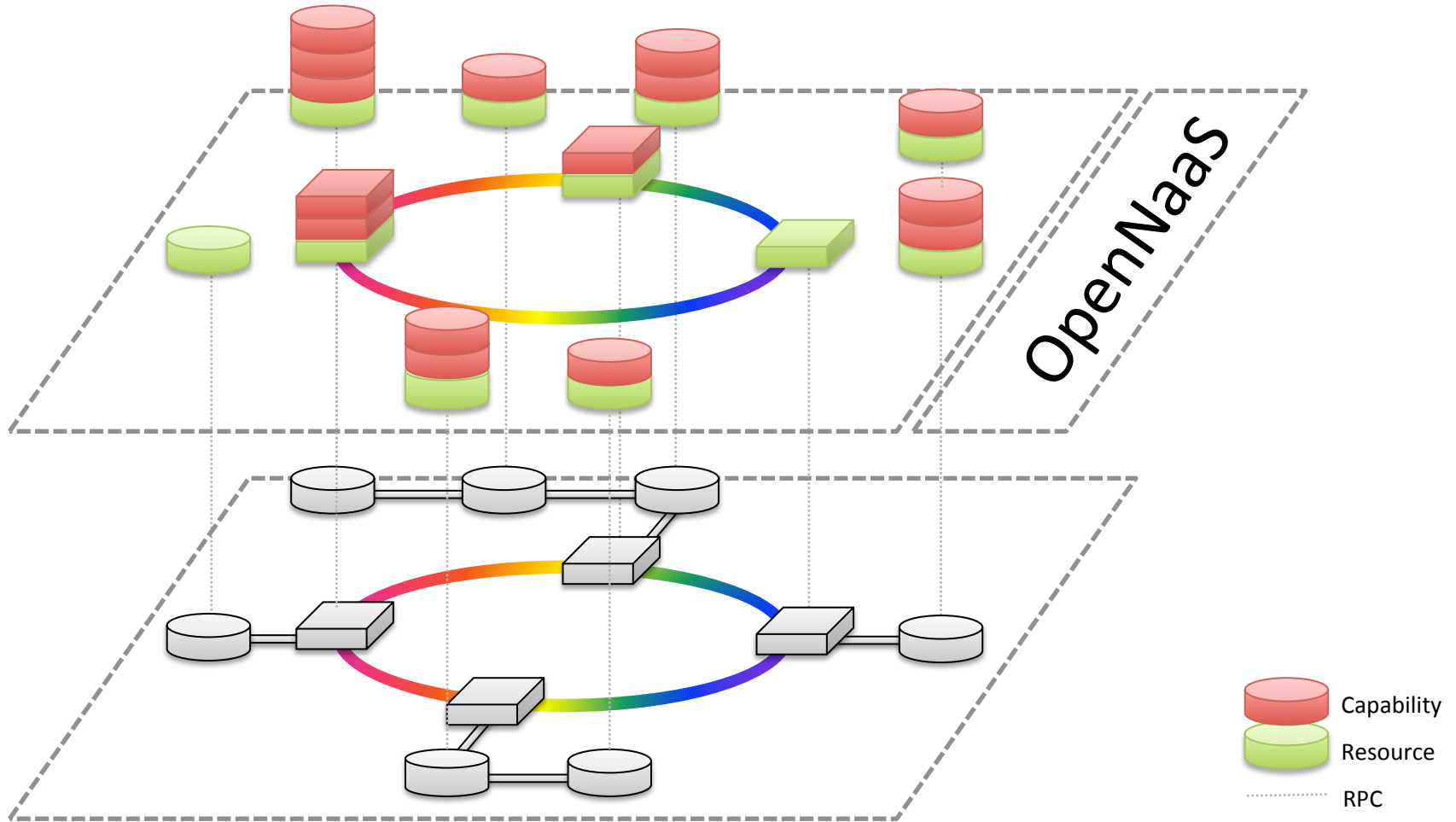
- Network Operators with an interest on NaaS:
  - NREN.
  - Cloud Datacenter.
  - New services for ISP's.
- ISV and integrators
  - middleware-network orchestration.
- Developers and network researchers.



# OpenNaaS architecture



# Resource-Capability Model



# Features

- A single CLI
- Unified management of resources and capabilities
- Combined application/resources lifecycle
- Unified security and ACL management
- Enterprise-level base technologies:
  - Server monitoring
  - Remote management
  - Easy upgrade
  - Extensibility and customization
  - Out-of-band reporting of errors



# Benefits

- Save hardware
- Faster operations
- Delegate to customer
- Gradual deployment
- Flexible



- Home
- News
- Overview
- Community
- Documentation
- Development
- Download

You're in all Blogs Section

## OpenNaaS workshop at Terena

Posted on **May 15, 2012** by **stefan**

Dear reader,

The Mantychore project team (<http://www.mantychore.eu/>) would like to invite you to attend our workshop "OpenNaaS, a toolkit for IP Networks as a Service" on Sunday May 20th prior to the TNC2012 Conference in Háskólabíó – University Cinema, Reykjavik, Iceland.

Mantychore is currently producing a tool to automate the generation of IP networks within the framework of Network as a Service called: "OpenNaaS."

During the workshop we will lay out our agenda to promote active engagement with any potential OpenNaaS users to meet your business needs with an emphasis on practical implementations. The OpenNaaS technical developments may be influenced by your business needs, so we wish to hear about **your** business needs. Furthermore we want to establish a relation with you so we may communicate as development work progresses.

There is no charge for this Workshop, you can view the agenda and register on the following page:

<https://tnc2012.terena.org/core/event/7>

Tagged with: [Mantychore](#), [OpenNaaS](#), [terena](#), [workshop](#)

Posted in [Uncategorized](#)

[Edit](#)

## OpenNaaS 0.9 Released

Posted on **May 9, 2012** by **Isart Canarymeres**

The OpenNaaS development team is proud to announce the OpenNaaS 0.9 Release.

Try it!

**DOWNLOAD**

Join us!

Want to get the latest information first?  
Then you can sign up on the OpenNaaS mailing lists:

- Subscribe** to the User list
- Subscribe** to the Developer list

More information can be found on the [community page](#).

Recent Posts

- OpenNaaS workshop at Terena
- OpenNaaS 0.9 Released
- OpenNaaS webpage live

- All pointers to relevant information and news at our homepage.
- You are welcome to the mailing list!





# Open forge

The screenshot shows the GitHub interface for the repository 'dana-i2cat / opennaas'. At the top, there's a search bar and navigation links like 'Explore', 'Gist', 'Blog', and 'Help'. The repository name is 'dana-i2cat / opennaas' with a 'PUBLIC' badge. Below the name are buttons for 'Admin', 'Pull Request', 'Unwatch', and 'Your Fork'. The main content area has tabs for 'Code', 'Network', 'Pull Requests' (2), 'Issues' (3), and 'Graphs'. A description reads 'Open platform for Network as a Service resources. — Read more' with a link to 'http://www.opennaas.org'. There are options to 'Clone in Mac', 'ZIP', 'SSH', 'HTTP', 'Git Read-Only', and 'Read+Write access'. The current branch is 'develop'. Below this, there's a section for the latest commit to the 'develop' branch, showing a merge pull request #190 from 'adrian-rosello/feature/publish-ws' by 'jordi-puig' just now, with commit hash 'c434706316'. A table of commit history follows, with columns for 'name', 'age', 'message', and 'history'. The table lists various folders and files with their commit messages and authors. At the bottom, there's a search bar with 'Match case' checked.

name	age	message	history
clients	4 days ago	Step 2 - Create subinterfaces resolved [Jordi Puig]	
core	2 days ago	Merge branch 'develop' of github.com:dana-i2cat/opennaas into fix/tes... [adrian-rosello]	
docs	2 months ago	Move extensions/utills to new docs and examples directories [gbehrmann]	
examples	2 days ago	Added planB karaf scripts with no autobahn. [isartcanyameres]	
extensions	12 minutes ago	Merge branch 'develop' of git://github.com/dana-i2cat/opennaas into f... [adrian-rosello]	
itests	8 days ago	Merge pull request #165 from isartcanyameres/hotfix/capab-errors [jordi-puig]	
platform	a day ago	Updated the log4j file: [Elisabeth Rigol]	
web	2 minutes ago	Change url in web properties. [adrian-rosello]	
.gitignore	a month ago	ignore .DS_Store for macs [pau-minoves]	
LICENSE	8 months ago	Added a license for the project. LGPL-3 from the FSF. [Roc Vallès]	
README	3 days ago	Update README [pau-minoves]	
pom.xml	8 days ago	Merge pull request #156 from jordi-puig/feature/web [jordi-puig]	

- Code, both stable and development branches available online.
- One-click fork.

# Open forge

github Search... Explore Gist Blog Help pau-minoves

PUBLIC dana-i2cat / opennaas Admin Pull Request Unwatch 12 Your Fork 12

Code Network Pull Requests 2 Issues 3 Graphs

All Requests 2  
Yours  
Find a user...  
isartcanyameres 1  
santiagozky 1

### 2 open requests

Keyboard shortcuts available

Read	Open	Closed	Submitted	Updated	Popularity
<b>Feature/publish-ws</b> <span>CLOSED</span>					
Publish webservice at all interfaces, by changing localhost to "0.0.0.0"					
adrian-rosello submitted to dana-i2cat/opennaas 26 minutes ago Updated 17 minutes ago 0 comments					
<b>Feature/remove resource identifier</b> <span>CLOSED</span>					
Remove resource by id					
jordi-puig submitted to dana-i2cat/opennaas an hour ago Updated 32 minutes ago 0 comments					
<b>Feature/web app</b> <span>CLOSED</span>					
News steps for demo TNC					
jordi-puig submitted to dana-i2cat/opennaas an hour ago Updated an hour ago 0 comments					
<b>Feature/update scripts2</b>					
Synchronize karaf scripts with desired demo workflow.					
isartcanyameres submitted to dana-i2cat/opennaas 3 hours ago Updated 6 minutes ago 0 comments					
<b>Feature/update scripts2</b> <span>CLOSED</span>					
Synchronize karaf scripts with desired demo workflow.					
isartcanyameres submitted to dana-i2cat/opennaas 16 hours ago Updated 3 hours ago 1 comment					
<b>Web</b> <span>CLOSED</span>					
Web with steps for the demo.					
adrian-rosello submitted to dana-i2cat/opennaas 19 hours ago Updated 18 hours ago 0 comments					
<b>Feature/parametrized ws url</b> <span>CLOSED</span>					
No description available					
isartcanyameres submitted to dana-i2cat/opennaas 19 hours ago Updated 4 hours ago 0 comments					
<b>Feature/log traces in web</b> <span>CLOSED</span>					
No description available					
isartcanyameres submitted to dana-i2cat/opennaas 19 hours ago Updated 3 hours ago 0 comments					
<b>Feature/log info capabilities</b> <span>CLOSED</span>					
Add log info to capabilities's methods that are called by the Web Service client/CLI					

highlight all Match case

- All code contributions (internal and external) are queued for public review and discussion.

**Joan A. García-Espín**  
jage@i2cat.net



**THANK YOU**  
**MOLTES GRÀCIES**