



Conference calls: Minutes

Participants identified on doodle:

- Bruno Bompar (Ingres)
- Cedric Carbone (Talend)
- Charles Souillard (BonitaSoft)
- Denis Caromel (Inria)
- François Exertier (Bull)
- Hailong Sun (Buaa)
- Jean-Pierre Laisné (Bull)
- Jean-Pierre LORRE (Petalslink)
- Jun Wei (Iscas)
- Lionel Seinturier (Inria)
- Miguel Koren O'Brien de Lacy (Konsultex)
- Mike Moody (Jaspersoft)
- Minghui Zhou (Pku)
- Noel de Palma (Inria)
- Parham Parvizi (Talend)
- Patrick Moreau (Inria)
- Scamuzzo/Zerbetto (Engineering)
- Tino Vazquez (Ucm)
- Wei Wang (Iscas)



OSCi mailing list

- cloud-initiative@ow2.org
- To subscribe: email to sympa@ow2.org with the following subject: SUBscribe cloud-initiative <name>
- To consult archives, login to <http://mail.ow2.org/wws> (a password will be delivered when asked to Sympa) and go to cloud-initiative

Introduction policy on mailing list:

1. Subscribe to the mailing list
2. Introduce your activities in cloud computing, eventually your road map and introduce your contribution to OSCi

Note

OSCI mailing list is open to any subscriber
All emails regarding OSCi are circulating via this list.

Agenda:

1. New version of OSCi Collaboration Framework
OW2 OSCi Collaboration Framework v2.0.odp
2. Overview of OSCi Domains
3. OSCi Workshop and R&D Agenda
4. OW2 Annual Conference
5. Misc.

Monday 8 November at 5:00PM CET

Attendees

- **Alexandre Lefebvre (Orange) AL**
 - **Denis Caromel (Inria) DC**
 - **Jean-Pierre Laisné (Bull) JPL**
 - *Lionel Seinturier (Inria) LS excused*
 - *Miguel Koren O'Brien de Lacy (Konsultex) MKOBL excused*
 - **Patrick Moreau (Inria) PM**
 - **Stefano Scamuzzo/Zerbetto (Engineering) SZ**
- Duration: 1:10 hour
Attendees : 5

Thursday 9 November at 11:00AM CET

Attendees

- **Alexandre Lefebvre (Orange) AL**
- **Bruno Bompar (Ingres) BB**
- *Benoit Pelletier (Bull) excused*
- **Charles Souillard (Bonitasoft) CS**
- **François Exertier (Bull) FE**
- **Hailong Sun (Buaa) HS**
- **Tianyu Wo (Buaa) TW**
- *Jean-Pierre LORRE (Petalslink) JPLo (excused)*
- *Jun Wei (Iscas) JW (excused)*
- *Minghui Zhou (Pku) MZ (excused)*
- **Wei Wang (Iscas) WW**

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- Duration: 0:50 hour
Attendees: 7

Were also expected:

- Cedric Carbone (Talend) CC
- Tino Vazquez (Ucm) TV
- Mike Moody (Jaspersoft) MM
- Noel de Palma (Inria) NP
- Parham Parvizi (Talend) PP

Report

New actions in yellow

Actions to be done / in progress in orange

1. New version of OW2 OSCi Collaboration Framework

- Current version of presentation: **OW2 OSCi Collaboration Framework v2.0.odp**
 - Updated description and architecture for Domain 4
- *Charter update*
- **Action: AL** to update charter accordingly to Collaboration Framework.
- *New partners*
 - INRIA Jean-Bernard Stefani and Noel de Palma
- *Expert Group*
 - No new name (JB Stefani, Noel de Palma ?)
- **Table of contents of OSCi Agenda**
 - Scope and Vision
 - State of the Art
 - According to identified domains
 - Competitiveness analysis
 - R&D Domains (including integration)
 - Domain 1: Elastic and Green PaaS
 - Domain 2: Massively Distributed Services
 - Domain 3: BI 4 Cloud
 - Domain 4: Distributed cloud
 - **OSCi Roadmap**

2. Overview of OSCi Domains **(REMINDER from previous minutes)**

- *Domains*
 - Which other domains?

- **Domain 1: Elastic and Green PaaS**
 - Time-line
 - Deliverable planned in respective collaborative projects e.g. SelfXL (end of 2010): a demo is ready
 - Roadmap has to list deliverables (planned in collaborative or integration projects)
 - Entry point: TBD (JPL for the time being)
- **Action: AL** Entry point to be determined during a working group for Domain 1
 - In particular in order to find a way to synchronize collaborative projects
- **Action: GENERAL** to set-up a specific conference call per domain with all involved partners. Start discussion by mail about what participation. (in progress)
 - What needs to be done to improve this domain
 - Integration:
 - Integration of ProActive: envision ANR project to be organized
 - What's next to integrate ISCAS, BUAA's proposal?
 - AL reports OW2 cloud computing session in Beijing
 - ISCAS presented OnceCloud (by Wang Wei):
 - multitenant PaaS (with isolation of applications)
 - autonomic cloud (more in depth discussion with domain1)
 - distributed work manager (see overlap with Jasmine and Proactive)
 - SaaS support (data source selection & service) potential synergy with Domain 3
 - BUAA presented (by Hailong Son)
 - Development as a Service: Service management, service composition, ...
 - Could be a new domain or part of domain 2? Or link with PaaS on domain 1? Or domain 3?
 - Another BUAA's team has reimplemented a whole IaaS layer (virtual hardware as a service)
 - How to organize collaboration?
- **Action: AL will** contact Wang Wei and Hailong Song. To set up a meeting with Chinese

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Partners for the workshop. To be prepared with ISCAS and BUAA. Objective to identify next steps to collaboration. Interaction via e-mail to be launched by AL asap.

- **Action: HS** to start a discussion on the mailing list about BUAA's VM management **(REMINDER)**
 - Presentation by TW on Network Computing and iVIC (see slides sent to the list)
 - Context: extension of internet information services (SaaS), trying to use cloud technologies to solve software distribution problems (software operating activities), for a bridge between software development, providers and consumers
 - iVIC Internet-Oriented Virtual Computing Infrastructure: includes design tools for virtual machines, and deployment on backend. Provides a programmable virtual computing environment.
 - Virtualized SaaS: clients on mobile devices, or desktop application/presentation streaming. Tackle issues of fault tolerance.
 - Discussion about synergies between iVIC and OSCi:
 - Main focus is on the IaaS layer
 - Links with Domain 1 seem natural – to be further explored
 - Links with Domain 4 to be studied
 - At the moment, BUAA and ISCAS have not worked in common so far on iVIC.
 - What's next step with 3rd Party Party such as Ubuntu, OpenStack and OpenNebula?
 - OpenNebula:
 - JPL report discussions Domain 1 Core team had:
 - OpenNebula will be in OSCi domain1 interface with ProActive
 - OpenNebula & Entropy to work together
- **Action: TN** to present OpenNebula during a “hands on” session during OSCi Workshop. To be discussed.
 - Ubuntu:
 - Technical discussions in progress
 - BP reports about Canonical's meeting: Canonical envisions to embed JonAS in Ubuntu. Today they want to embed a whole Java stack. They have some issues with Debian policy (all components have to be recompiled), they will test JonAS according to their requirement, they look for our collaboration

with OpenStack.

- Next steps: due diligence / assessment of JonAS and will get back to us
 - Issue: Jonas is not as popular as some other appserv, it's a concern for Canonical. On the other hand, all other solutions are direct competitors. It would help if France Telecom could present its use-case with JOnAS
- **Action:** AL to provide FT's slides to BP for Nicholas Barcet and Thierry Carrez (done)
- **Action:** Denis Caromel also introduced ProActive. Report is expected
 - **OpenStack:**
 - A specific call with OpenStack has been organized to address 3 issues:
 - Integration between OpenStack and OSCi
 - OpenStack participation in OSCi Workshop
 - Proposed hands-on session besides the workshop (Bull and France Telecom have shown interest)
 - Bret Piatt had planned to come to the OW2 annual conference and OSCi workshop, but has cancelled his trip. He is replaced by Randy Bias for the OW2 conference keynote. We are awaiting confirmation of an OpenStack presence at the OSCi workshop, and the hands-on session.
 - What resource available?
AL : FT is currently evaluating IaaS for Cloud and OpenStack is on the list. FT can allocate some resource to integration effort in OSCi
- **Action:** AL to verify with all partners the resource they can allocate to the integration effort concerning Ubuntu, OpenNebula and OpenStack
- **Action:** AL to propose a specific confcall to OpenStack (done)
- **Domain 2: Massively Distributed Services**
 - No significant update due to Choreos kick-off meeting
 - USP is interested to collaborate on this topic (to be defined)
 - Fraunhofer Fokus is also interested to contribute

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- Time-line:
 - A prototype is available
 - CH is working on packaging end of 2010 (demo ready)
 - Packaging in progress with INRIA
 - Entry point: JPLo
- **Action: JPLo** to organize a specific event with partners.
- **Action: JPLo** will inform all SOCEDA partners about OSCi (Soceda will start beginning November)
 - Domain 2 should be considered as open beyond existing members of the cooperative projects.
 - What needs to be done to improve this domain
 - Integration:
 - BUAA's tools might for service-oriented software development be of some interest for Domain2
 - Still needs to be explored.
 - What's next step with 3rd Party Party such as OpenStack and OpenNebula to identify integration into Domain2?
 - DC: Integration of OpenStack to be considered (it depends of the need of virtualization)
 - JPLo: interesting to integrate with elasticity provider
 - DC: Distributed storage (e.g. BigTable, Blobs)
 - CG: QOS management was a R&D challenge (end to end quality of service from application to network latency) ? Medium term. Good candidate for ANR
JPLo : one of the main issue addressed by SOCEDA
 - MZ: What about standards?
JPLo: standardization is mandatory for interoperability
YG: FOKUS tried to look at needed standards for service management (slide 21)
Many aspects need to be covered such as federation (to use simultaneously service from cloud to another and migration). How to provide contracts? Which tools?
How these standards will emerge?:

YG: out of Domain 2, standards (at least technical recommendations) may emerge from collaboration e.g. SLA(how to exchange those SLA and assess SLA – heterogeneity is an issue)

- **Action: JPLo to work on detailed roadmap and architecture**
- **Action: JPLo to use mailing-list to handle discussion**
- **Domain 3: BI 4 Cloud**
 - Time-Line:
 - Roadmap partially depends of the replacement of Rightscale
 - CC: we are look for NON-VENDOR LOCKING solutions
 - Roadmap has been provided by CC on behalf of BI 4 Cloud's partners
 - CC: next month will be a key month for POC (with UshareSoft, ProActive and BitRock).
 - A full BI appliance is expected at the end of this year.
 - Entry point: CC
 - What needs to be done to improve this domain
 - Integration:
 - CC: Rightscale and Vertica have closed source.
But Vertica (DBMS) should be replaced by Ingres' solution.
Bitnami is OSS and included in the domain 3.
Replacement of Rightscale by some F/OSS is envisioned but no alternative selected yet.
 - PP reports that initial list of partners is defined: Talend, Jaspersoft, Ingres, Engineering, Bonitasoft
 - BB: Ingres' contributions in term of interface e.g. to choose the good DBMS
 - Work in progress on appliance to be available soon
 - Discussions in progress with other potential partners:
 - for packaging (appliance) with Usharesoft
 - for replacement for “Rightscale” with ProActive (provision, monitor, ...), and with OpenNebula.
 - POC to be done with both.

- A first choice has been made to use UShareSoft to publish the BI Domain results.
- A POC for the Talend part has been done, and will be published shortly.
- **Domain 4: Massively Distributed**
 - **Action:** JPL to contact Jean-Bernard Stefani and Philippe Merle (INRIA) and try to set up an open discussion (not done yet)

3. OSCi Workshop and R&D Agenda

- **Workshop Agenda**
 - **Objectives**
 - 1st draft of OSCi R&D Agenda (slides only)
 - demos and presentation from each domain
 - synchronization on what is done by OSCi in all domains
 - **Action:** All Domains to publish a more detailed and in depth document about their technological approach and roadmap
 - Date: 23 November 2010
 - from 10:00AM – 5:00PM
 - Place
 - INRIA, 23 avenue d'Italie, 75013 Paris
 - http://maps.google.fr/maps?f=q&source=s_q&hl=fr&geocode=&q=23+av+d'Italie+Paris&sl=46.75984,1.738281&sspn=6.98557,13.271484&ie=UTF8&hq=&hnear=23+Avenue+d'Italie,+75013+Paris,+Ile-de-France&ll=48.829018,2.359142&spn=0.006554,0.016479&z=16
 - The nearest underground station is Place d'Italie
 - The meeting will be hold in the Green 1&2 rooms.
 - PM: INRIA takes care of organize coffea breaks, and will book a restaurant close to the workshop (CONFIRMATION OF PARTICIPANTS ARE NEEDED ASAP)
 - Participants
 - **Action:** ALL Participation to the workshop to be confirmed on <http://www.doodle.com/mhezvea7ux7wikip2>

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- Have currently expressed interest for participation:
 - Lionel Seinturier (Inria) LS
 - Tino (Jaspersoft) MM
 - Tino (UCM)
 - Stefano Camuzzo (Engineering) SC
 - David Zerbetto (Eng) DZ
 - Alexandre Lefebvre (Orange) AL
 - Andrea Manieri (Engineering) AM
 - Benoit Pelletier (Bull) BP
 - Bruno Bompar (Ingres) BB
 - Cedric Carbone (Talend) CC
 - François Exertier (Bull) FE
 - Jean-Pierre Laisné (Bull) JPL
 - Jean-Pierre LORRE (Petalslink) JPLo
 - Yuri Glickman (Fokus) YG
 - Wang Wei, Wei Jun
 - BUAA
- *Proposed discussed format*
 - *Introduction (1:00)*
 - 15 minutes / about 4 slides per presentation
 - *Vision (JPL)*
 - *State of the Art (LS)*
 - Presentation of the expected format and content
 - Should include references to standardization (DMTF, ...)
 - *Competitive analysis (PM)*
 - Presentation of the expected format and content
 - **Action: JPL to start 1st draft of Vision, LS State of the Art, PM Competitive Analysis**

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- **Action: ALL position or white paper are welcome**
 - Each domain: paper 3-4 pages + presentation (30 minutes including discussions, demo when possible)
 - **Domain 1**
 - Presentation coordinated by AL
 - Synergies with BUAA, ISCAS, PKU (to be precised)
 - concern: how to proceed with integration in Domain 1
 - **Domain 2**
 - Presentation by JPLo
 - Synergies with ?
 - **Domain 3**
 - Presentation lead by CC
 - Synergies with UShareSoft, ProActive. others (check with CC) ?
 - **Domain 4**
 - Presentation by JPL + NdP
 - Synergies to be identified
 - **Action: All Domains to publish a more detailed and in depth document about their technological approach and roadmap**
 - **OpenStack**
 - Technical presentation of OpenStack APIs and other useful integration standards
 - **OpenNebula**
 - Technical presentation of OpenNebula APIs and other useful integration standards
 - **Else?**
 - **General discussion 1 hour**
 - **Wrap Up**
 - **Action: Detailed agenda and presentation layout set up by JPL and AL**
 - see <http://www.ow2.org/view/Cloud/2010Nov23Workshop>

4. OW2 Annual Conference

Program on <http://www.ow2.org/view/Events2010AnnualConference/>

- **Action JPL and DC:** Need to synchronize between JPL's introduction to the Open Cloud Summit Keynote and Panel, and DC's keynote presentation (which may include an overview of all 4 domains).

Presentations from OpenStack and OpenNebula at the conference are expected to be less technically focused than during the OSCi workshop.

5. Misc.: open discussion about planned events, FP7 call, ...

- *Collaborative projects*
- **Action: FE** to check for time-line of ANR to start discussion with Bull, FT, Inria, (SelfXL): follow-up of Self-XL or platform. Choice between ANR (open call to be closed in January) versus FUI 11 (which could be too short). A conf call should be organized with all potential partners. JPL can help with his CompatibleOne experience.
- Note: FP7 2011 will specifically target cloud and open source. Could include Chinese partners. Suggestion to start a focus discussion group. HS to start discussing with Prof. Wei Jun.
- **Action: SS and DZ** to investigate with Andrea what is feasible in FP7
- **Action: ALL** based on JPLo's recommendation: next year FP7 call has to be prepared today because because it concerns all domains (cloud and open source)
- *Misc.: Communication (Reminder)*
 - Community Management Team:
HELP IS NEEDED ON COMMUNICATION ASPECTS
 - A new version of a “corporate” presentation of OSCi is available on <http://www.ow2.org/xwiki/bin/download/Cloud/WebHome/OW2OSGiGeneralPresentati onv2.0.pdf>
- *Misc.: OSCi infrastructure (Reminder)*
 - To be provided by OW2. Compatible One and other collaborative to improve this infrastructure (work in progress)

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NEXT

- **OSCi Workshop: 23 November 2010: see agenda on <http://www.ow2.org/view/Cloud/2010Nov23Workshop>**

>>> Please confirm your participation on <http://www.doodle.com/mhezvea7ux7wikip2>

- NOTE: Meanwhile specific conference calls may be organized by domain