

## OW2 Open Source Cloudware Initiative

### Conference calls: Minutes

#### **Agenda:**

1. OW2 OSCi presentation & contribution areas
  - Identified Tasks
    - **Technical:**
      - Related OW2 projects
      - Integration of non OW2 projects
      - Set up of Workshops
      - Set up of Seminars / Webinars
      - R&D Agenda
      - Participation to collaborative projects
      - Development of International collaborations
    - **Non technical:**
      - Charter definition
      - Marketing & Communication
      - Lobbying
2. Presentation by each participant of his/her activities on cloud computing and interest for OSCi
3. Open discussions about next steps / contribution to tasks
4. Wrap up

#### **Identified participants:**

Charles Souillard - Bonitasoft  
Hailong Sun - Buaa  
Benoit Pelletier - Bull  
Goulven Le Jeune - Bull  
Jean-Pierre Laisné – Bull  
Liu Hying - CVIC SE  
Thierry Humbert – Edifixio  
Grazia Cazzin - Engineering  
Gerd Schürmann - Fraunhofer Fokus  
Emma McGrattan - Ingres  
Denis Caromel Inria  
Lionel Seinturier - Inria (To be confirmed)  
Patrick Moreau - Inria  
Philippe Merle - Inria (To be confirmed)  
Jun Wei - Iscas  
Mike Moody - Jaspersoft (Represented by Talend)  
Miguel O'Brien De Lacy - Konsultex  
Rafael Marins - Neociclo  
Huaimin Wang - Nudt  
Hongbo Xu - O-Engine

Alexandre Lefebvre - Orange Labs  
Valère Robin - Orange Labs  
Jean-Pierre Lorre - Petals Link  
Pierre-Yves Gibello - Petals Link  
Cédric Carbone - Talend  
Alfredo Goldman – USP Floss CC  
Fabio Kon - USP Floss CC (To be confirmed)  
Nelson Lago – USP Floss CC  
Fabio Mancinelli – Xwiki  
Henry Ruddle

## ***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 (see examples in Appendix 2)

## ***All email addresses***

charles.souillard@bonitasoft.com, benoit.pelletier@bull.net, goulven.le-jeune@bull.net, jean-pierre.laisne@bull.net, grazia.cazzin@eng.it, gerd.schuermann@fokus.fraunhofer.de, emma.mcgrattan@ingres.com, denis.caromel@inria.fr, lionel.seinturier@univ-lille1.fr, patrick.moreau@inria.fr, philippe.merle@inria.fr, wj@otcaix.iscas.ac.cn, mmoody@jaspersoft.com, rafael.marins@neociclo.com, wanghuaimin\_ow2@126.com, jack.nudt@gmail.com, computer.xu@gmail.com, alexandre.lefebvre@orange-ftgroup.com, valere.robin@orange-ftgroup.com, jean-pierre.lorre@petalslink.com, pierre-yves.gibello@petalslink.com, ccarbone@talend.com, kon@ime.usp.br, fabio.mancinelli@xwiki.com, liu\_hying@cvicse.com, liu\_chun@cvicse.com, thierry.humbert@edifixio.com, sunhl@act.buaa.edu.cn, cherry.bian@yahoo.com.cn, nelson.lago@gmail.com, miguelk@konsultex.com.br, henry\_L@ruddle.com

## **Tuesday 8 June at 10:00AM CEST**

### **Attendees**

Jean-Pierre Laisné (Bull) (JPLa)

Alexandre Lefebvre (Orange Labs) (AL)

Valère Robin (Orange Labs) (VR)

Jean-Pierre Lorre (Petals Link) (JPLo)

Charles Souillard (Bonitasoft) (CS)

Benoit Pelletier (Bull) (BP)

~~Lionel Seinturier / Philippe Merle (Inria) (to be confirmed)~~

### **Minutes**

2. Presentation by each participant of his/her activities on cloud computing and interest for OSCi

- CS: BonitaSoft is interested in PaaS + SaaS
- JPLo: Petals Link is interested in Petals to be executed and integrated in cloud and in orchestration tools  
Petals Link participates to R&D collaborative projects: Choreos (FII) & SocEDA (ANR )  
JPLo thinks there is interest for OW2 OSCi in FIA (European Future Internet Assembly - European Commission: <http://www.future-internet.eu/>)
- BP: Bull (co-lead of OSCi) participates to collaborative projects: SelfXL, 4Caast, Compatible One  
BP: there is a key opportunity for PaaS based on open standards (vs. Google AppEngine and vendor lock-in)  
JPLo agrees and adds that OW2 OSCi should identify which open standards (see R&D Agenda)
- VP asks if OW2 business apps should participate to OSCi?  
JPLa: OSCi must be open to all OW2 and non OW2 apps  
JPLo: The more apps we have, the best we are (cf. Apps store)

3. Open discussions about next steps / contribution to tasks

- VR: France Telecom (co-lead of OSCi) will participate to all activities
- JPLa: Bull will mainly participate to collaborative projects, R&D agenda and lobbying
- JPLo: Petals Link will contribute to R&D Agenda, to definition of standards (api, etc.), to promote use of OW2 OSCi components in use cases, to facilitate technology transfer and to collaborative projects set up
- JPLo confirms that GRID5000 (offered by Thierry Priol – Inria, during 1<sup>st</sup> Sino French

Workshop see appendix 1) as testbed is very interesting for OW2 OSCi (to be studied)

- JPLo confirms that OW2 OSCi should answer to NKM and JPLo will participate
- BP: OSS for trustworthy cloud provider (label) is a key argument for OW2
- All: OW2 pushes for OSS as a key differentiators (vs. other cloud organizations) for rational reasons (audit, trust, sovereignty, ...)  
There is no cloud without OSS, so public program should target open cloud

#### 4. Wrap Up (Common to all confcalls)

- All attendees agreed to participate actively (mainly on R&D Agenda and collaborative projects)
- A minimum collaborative infrastructure is expected from OW2
- R&D agenda is considered as #1 priority and a draft to be proposed on mailing list ASAP with both strategic, economical and technological arguments and with roadmap.

## **Thursday 10 June at 10:00AM CEST**

### **Attendees**

List of participants:

Jean-Pierre Laisné (Bull) (JPL)

Liu Hying (CVIC SE) (LH) with Cheery Bian (with difficulties to connect)

Cedric Carbone (Talend) (CC) representing also Mike Moody (Jaspersoft)

Hailong Sun (BUAA) (HS)

Jonathan Pares (O-Engine) (JP) representing Hongbo Xu

Jun Wei (Iscas) (JW)

Denis Caromel (Inria) (DC)

Goulven Le Jeune (Bull) (GLJ)

Pierre-Yves Gibello (Petals Link) (PYG)

~~Huaimin Wang (Nuct) (HW) Excused~~

~~Hongbo Xu (O-ENGINE) (HX) Excused~~

### **Minutes**

2. Presentation by each participant of his/her activities on cloud computing and interest for OSCi

- CC: Talend have 3 offers on cloud computing: Talend on Demand: SaaS (client/server), Talend on Cloud: Jaspersoft + Amazon EC2 + Rightscale appliance for BI, Talend Hadoop: in progress + Hive in Talend  
Talend on Cloud and Talend Hadoop (with partnership with Ingres and Proactive) are good target for OW2 OSCi  
CC interested to discuss with Jasmine & Proactive
- DC: DC represents Inria team & start-up ActiveEon: DC describes Proactive suite.  
Proactive is already integrated in OSCi bedrock  
DC interested in discussing with Talend, JW
- HS: BUAA has expertise on IaaS & PaaS (virtualisation). Contribution possible on PaaS (composite services, modeling, monitoring, ...). Integrate composite service integrates Google Apps Engine (why not JOnAS?). Not open source yet.  
More documentation expected from HS to OSCi partners.  
HS to discuss with JOnAS
- JW: ISCAS provides slides about 4 aspects: programming application in cloud, performance management for PaaS, Security of PaaS (access control on multi-tenancy apps), administration of PaaS. Benchmark, capacity, ... (see slides from JW in cloud-initiative mailing list archive).  
All those projects are open source.  
ISCAS can contribute to JOnAS, Jasmine, Cliff, ProActive

JW to discuss with DC & GLJ

- GLJ: description of Bull's contribution i.e. JOnAS, Jasmine and Orchestra: Bull participates to collaborative projects 4Caast to provide OSGI on PaaS, administration on PaaS & IaaS (Jasmine)  
Bull looks for synergies and contributions. Bull is interested with JW's proposal
- PYG: Petals Links, Talend and ActiveEon have already some partnership in place. Petals Link participates to collaborative projects which can contribute to OSCi: Choreos, SoCEDA

### 3. Open discussions about next steps / contribution to tasks

- All participants agreed to contribute to Strategic Agenda (key priority)
- OW2 has to provide collaborative environment: confcalls, web page (with all documents i.e. minutes, contributions and partners introductions), wiki, mailing-list, directory, agenda, doodle, meetings, conference, summit
- Specific Support Action for OSCi has to be identified (eg. OW2 members + Morfeo + ... ?)
- All participants agreed to Communication process:
  - 1<sup>st</sup> recommendation: subscribe to the mailing list and discuss synergies between projects on this mailing list.
  - 2<sup>nd</sup> recommendation: frequent confcalls to be organised
- Members will also need to finalize OSCi Charter

### 4. Wrap Up (Common to all confcalls)

- All attendees agreed to participate actively
- A minimum collaborative infrastructure is expected from OW2
- R&D agenda is considered as #1 priority and a draft to be proposed on mailing list ASAP with both strategic, economical and technological arguments and with roadmap.

## **Thursday 10 June at 6:00PM CEST**

### **Attendees**

List of participants:

Jean-Pierre Laisné (Bull) (JPL)

Yuri Glickmann (Fraunhofer Fokus) (GS) representing Gerd Schürmann

Emma McGrattan (Ingres) (EMG)

Grazia Cazzin & Davide Zerbetto (Engineering) (GC)

Nelson Lago (NL) and Alfredo Goldman (NL) (University of Sao Paulo Floss CC) representing Fabio Kon (FK)

Miguel O'Brien De Lacy (Konsultex) (MODL)

Henri Ruddle (HR)

Patrick Moreau (Inria) (PM)

~~Fabio Mancinelli (Xwiki) (FM)~~

~~Thierry Humbert (Edifixio) (TH)~~

~~Rafael Martins (Neociclo) (RM)~~

### **Minutes**

2. Presentation by each participant of his/her activities on cloud computing and interest for OSCi

- MODL: Konsultex is interested in virtualizing the desktop for private clouds. MOD will try to recruit some open source virtualized desktop to OW2 OSCi (this initiative is also open to SaaS)
- YG: Fokus is interested in usage of cloud in public sectors and in participation to funded collaborative projects on topics such as interoperability, definition of standards APIs, secured distributed data, security and digital identity
- EMG: Ingres is interested in participating in OSCi and has expertise in topics such as distributed data and security. Collaboration with Talend and Jaspersoft on Talend on Cloud is a good starting point in OSCi.
- GC: Engineering is interested in SpagoBI working in SaaS (OSGI compliant), next work is parallel processing. GC is interested in OSCi to define common API to integrate any OW2 services / component at any layer of the cloud.
- NL: USP works on distributed systems and grid. USP is participating to a large collaborative project targeting service choreography named Choreos (OW2, Petals Link are also partners of this project) and interested in participating to OSCi
- PM: INRIA (co-lead of OSCi) has team which will provide a lot of technologies to this initiative.

PM offers to open GRID5000 <https://www.grid5000.fr> to OW2 OSCi. This proposal has been unanimously accepted. This represents a real plus for OSCi to have access to a real test bed in order to test and to prove OW2 cloudware is efficient. But also to invite non OW2 members to join OSCi and benefit from this infrastructure to test their own cloudware.

PM to provide topology, access policy,etc and what is needed in Grid500 to be used in a cloud mode.

3. Open discussions about next steps / contribution to tasks

- EMG to look for R&D collaborative funded projects in US
- ALL agreed to participate to establish this common R&D Agenda: and roadmap

4. Wrap Up (Common to all confcalls)

- All attendees agreed to participate actively
- A minimum collaborative infrastructure is expected from OW2
- Conclusion: R&D agenda is considered as #1 priority and a draft to be proposed on mailing list ASAP with both strategic, economical and technological arguments and with roadmap.



## Appendix 1

### OW2 Open Source Cloudware Initiative Minutes of 1<sup>st</sup> Sino-French Workshop

Date: 25<sup>th</sup> of May 2010 at 2:30PM CEST  
Location: Ministère de l'Économie, de l'Industrie et de l'Emploi  
139, rue de Bercy  
75012 PARIS

#### **Hosted by General Directorate for Competitiveness, Industry and Services (DGCIS)**

Mrs. Brigitte SCHARS, International Partnerships  
Mr. Franck TARRIER, Head of Software Unit, Service for Information and Communication Technologies

#### **Participants**

Mr. Jean-Pierre LAISNÉ, President of OW2  
Mr. Cedric THOMAS, CEO of OW2  
Mr. Alexandre LEFEBVRE, CTO of OW2

Mr. Bruno PINNA, Marketing Director of BULL Group  
Mr. Jean-François LAVIGNON, VP of Technology Strategy of BULL R&D  
Mr. Patrick MOREAU, Software Asset Manager of INRIA  
Mr. Thierry PRIOL, Deputy Scientific Director of INRIA  
Mr. Valère ROBIN, Deputy Director of Middleware R&D of ORANGE LABS

Prof. HUAI JinPeng, President of Beijing University of Aeronautics and Astronautics (BUAA), Director of China National State Key Laboratory of Aeronautics  
Prof. ZHENG Zhiming, Vice President of BUAA (Pedagogy)  
Prof. ZHANG Jun, Vice President of BUAA (Research)  
Prof. ZHAO Gang, Deputy Director of China National State Key Laboratory of Aeronautics  
Prof. XIONG Zhang, Director of l'Ecole Centrale de Pékin  
Mr. Jean DOREY, Director of l'Ecole Centrale de Pékin

#### **Minutes**

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## Welcome by DGCIS

Mr. Franck TARRIER welcomed all attendees and introduced the meeting insuring the support of DGCIS to OW2, open source and cloud computing.

Mrs. Brigitte SCHARS welcomed all attendees and described Sino-French cooperation between Chinese MIIT and French ministry of economy, industry and employment:

- A working group on open source software has been set up 4 years ago in order to facilitate and encourage partnerships between Chinese and French companies and laboratories.
- A new cooperation agreement has been signed last December in Beijing, on issues like automotive, IT, and eco technologies. First meeting will be implemented in next future.
- Finally a cooperation agreement with MOST has been signed, dedicated to innovation and whose objective is to help French and Chinese clusters to meet each other and engage into partnerships. An important Sino French seminar will be organized in Changdu in October 2010, during the business fair organised by EPIC.

Mrs SCHARS will communicate all necessary informations in order to help this OW2 initiative to be integrated in such activities and events.

## Presentation of OW2 Open Source Cloudware Initiative

Mr Jean-Pierre LAISNÉ introduced OW2 Open Source Cloudware Initiative (OSCI) – see slides – and insisted on OSCI's keywords: Elasticity, Green, distribution and presented the envisioned next steps:

- May 2010 Recruit members
- Sept 2010 Workshops and seminars
- Dec 2010 Define research agenda
  - develop international collaboration
  - cooperative projects (e.g. Compatible One)
- Dec 2011 OSC summit

Finally Mr. LAISNÉ invited Prof. Huai and Chinese delegates to participate to Open World Forum 2010 in Paris

This presentation was followed by a discussion with Prof. Huai JINPENG who confirmed that he shares the mid term vision and considers these next steps reasonable. According to Prof. Huai, it is important to precise the definition of cloudware, which open standard we aim at building together and finally which pilot applications would use this cloudware. He suggested to have a Sino-French workshop in Beijing in September 2010 like we had one in Shanghai 5 years ago.

## Presentation of BUAA's vision of Cloud Computing

Prof. Huai introduced Future Internet Industry – see slides – and described China ICT vision, Chinese Industry new players – e.g. Baidu, Alibaba, dangdang.com, the planned R&D programs and the 4 key national projects: China Cloud (HJ is in charge of China Cloud), Smart Cities, Internet of things, Next generation intelligent data centers. We may note that these projects aims at “establishing a harmonized man-cyber-physical social interacting environment “. Prof. Huai made a proposal for global FII cooperation insisting on “OW2 as an excellent global cooperation platform for Clouding computing among China, France and other countries”. And Prof. Huai reported to MOST and MII who agree to strengthen the cooperation.

This proposal is based on the following points:

- Joint key expert group
- Shared R&D programs
- FII alliance in order to create a global platform
- A Network of excellences

All attendees agreed about the similarities of both presentation concerning the vision and concerning the interest of launching FII cooperation program in sync with OW2 OSCI roadmap

## Open discussion

The objective of this discussion was to determine how do both parties proceed to collaborate. The following main actions have been listed:

1. **Identify main contacts** for experts to work on common definition and OW2 OSCi R&D agenda.  
On China' side these contacts will be provided by Prof. Hongbo XU (CTP) and Hailong SUN (BUAA).  
On France' side, these contacts will be provided by Jean-Pierre Laisné.
2. Establish a **common R&D Agenda** based on the following recommendations:
  - a) This agenda needs to be **focused on key technologies** we can develop together. OSCi should find ways to apply these projects ASAP to trial applicative areas, such as smart cities or smart energy. Doing so would enable to assess viability, limits, ... or these technological projects we put together.
  - b) This agenda needs to describe the “**Cloud**” map
  - c) This agenda needs to have **long term and short term** objectives  
The goal is to combine long term vision and short term agility for delivering technology which provides open source differentiation.
  - d) This agenda needs to identify **technology gaps**
  - e) This agenda must also include a permanent **competitiveness analysis**, and define an open source position on a very competitive market. How will OW2 OSCi provide an open source differentiator?
3. **Identify collaborative projects** and R&D programs to fund these projects  
On France' side, Mrs. Schars will communicate the list of cooperation projects calls open to Chinese partners  
On China' side, Prof. Huai and Prof. Zheng Zhiming will communicate contacts for cooperative research
4. OW2 China Local Chapter to invite China Industry players to **join OW2 and OSCi** e.g. Alibaba, Baidu, China Mobile, Huawei

### ***Miscellaneous points:***

- Ecole Centrale Pékin offered to provide students (internships, ...) to participate to OSCi  
Ecole Centrale Pékin invited BULL to join as a partner and will contact BULL's participants
- BUAA announced that on 12 June, Trustie will open source code (contact Wang Huaimin (NUDT)  
BUAA suggested that the new Sino French joint lab (organised by National Lab of Aeronautics, CNRS, BUAA) would become a member of OSCi.
- INRIA is already working with Chinese research teams – see Denis Caromel and OW2 ProActive, and is also involved in joint lab LIAMA.  
INRIA offered to use Grid5000 as a testbed for OSCi.
- OW2 will organize a business meeting in September, to be hosted by BUAA and this meeting would include a cloud track.

### **Conclusions**

All participants agreed on the importance of such a cooperation initiative and confirmed their commitment to follow up actively on this very fruitful first workshop. As a conclusion, Mr Tarrier has noticed this was a productive meeting and was glad to hear that OW2 is an excellent global cooperation platform to work on FI. Finally Prof. Huai agreed. that “We need to have more frequent contacts than once every 5 years”.

**Thursday 3 june 2010 at 10:00AM CEST**

**Attendees:**

Jean-Pierre Laisné (BULL) (JPL)

Hongo XU (o-Engine) (HX)

**Agenda:**

Followup last week's meeting with Prof. Huai Jinpeng (see minutes below)

**Minutes:**

- HX agreed to lead this initiative on the Chinese side, he will connect with Hailong SUN (BUAA)
- HX will participate to next week confcall
- JPL and HX agreed on the following next steps:
  1. identify contacts thanks to next weeks confcalls and other meetings to establish an expert group
    - this expert group will brainstorm, look for synergies and regularly exchange news about projects to get in sync
  2. definition of the scope of the initiative in a collaborative effort (to be completed by all partners)
    - Open Source Cloudware for Open Cloud
      - State of the art
      - Technological gaps
      - Domains
        - Mission critical requirement: Performance / QOS / Security / Privacy
        - Software / middleware for PaaS
        - Fully distributed cloud
        - Software for Green IT (energy savings)
        - Software for Internet of Things
          - cloud as a bus for connecting smart objects
          - cloud as a platform for intelligent decisions (workflow and business process)
          - smart cities
  3. Set up R&D agenda to be communicated to funding bodies based on 2)
    - proposal for collaborative projects will refer to this agenda
    - OW2 OSCi may label projects according to their compliance to the R&D agenda (precise governance rules to be defined in OSCi charter)?
  4. Identify partners and topics for collaborative projects
  5. Identify funding programs and discuss with funding bodies
    - In China: MII, MOST (China Cloud & CTP)
    - In France: ANR<sup>1</sup>
    - In Europe: European Funding FP7 / IST instrument<sup>2</sup> which is funding the main European Research projects (such as Choreos for example), ITEA2 2011 (Israel,

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1 <http://www.agence-nationale-recherche.fr/documents/aap/2010/aap-blanc-ANR-NSFC-2010.pdf>

2 <http://cordis.europa.eu/fp7/ict/>

Korea are the only associated countries), CE<sup>3</sup> Sept 2007 (Russia and Brazil for coordinated calls, China associated country), Program with Japan<sup>4</sup>

- In Brazil: TBD
- In US: TBD
- HX will propose a draft for a cross funded support action to help coordination, travels, meetings etc.

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3 [http://www.ctit.utwente.nl/news/archive/2010/march10/draft-wp-2011-12.doc/work\\_programme\\_201112.html](http://www.ctit.utwente.nl/news/archive/2010/march10/draft-wp-2011-12.doc/work_programme_201112.html)

4 [http://ec.europa.eu/information\\_society/activities/foi/research/eu-japan/eujapan3/index\\_en.htm](http://ec.europa.eu/information_society/activities/foi/research/eu-japan/eujapan3/index_en.htm)

## **Appendix 2: Examples of Introductions to cloud-initiative@ow2.org**

### **PetalsLink interests for OSCi**

Dear all,

Next to this morning phone conference about OSCi, let me introduce EBM WebSourcing / Petals Link interests:

1/ Petals Link develops the Petals ESB distributed service infrastructure as an OW2 project. We see this SW component as a valuable building block for OSCi's PaaS layer. It provides necessary features to deploy / manage / orchestrate / adapt and monitor services in the cloud. We are very eager to build on its integration facilities in order to support Private cloud.

2/ Petals Link is involve into the CHOREOS European FP7 IP research project with other partners such as OW2 and INRIA.

This project is funded by the EC (9 M€) and will start on October, 2010. It deals with Choreography of very large scale distributedservice infrastructures and has a lot to share with OSCi.

3/ Petals Link leads the SocEDA, ANR funded platform research project. This collaborative project involves also Activeon, INRIA and OrangeLabs among others.

It target to develop (see attached description) an Event based architecture in the cloud. It will start during 2010, Q4.

SocEDA that claim to submit SW results as OW2 open-source components, propose to identify contributions and build relationship with OSCi.

4/ Petals Link is involve in FIA (European Future Internet Assembly, <http://www.future-internet.eu/>), a European initiative that group European research projects working on next generation Internet technologies. Among those technologies, cloud is identified as a first order one. We propose to submit an OSCi presentation during the nex tmeeting that will take place in Ghent, 13-17 December 2010 ([www.fi-ghent.eu](http://www.fi-ghent.eu)).

5/ To sum up, Petals Link is interested to work on thefollowing topics:

- R&D roadmap
- Interoperability interfaces and APIs for service infrastructures
- Link between research projects Use-Cases and OSCi deployment.
- Industrial dissemination

Regards,  
Jean-PierreLORRE

R&D Director Petals Link (a registered trademark of EBM WebSourcing) – SOA open-source company

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## ***BonitaSoft introduction***

Dear all,

here is a short description of BonitaSoft company and interest in this initiative.

BonitaSoft, the leading provider of BPM solutions, is a software company created by the founders of the Bonita open source project. BonitaSoft aims to become the undisputed global leader in open source Business Process Management (BPM) by providing flexible, powerful Business Process Management Solutions for all types of organizations.

Bonita Open Solution sets a new standard for BPM.

It combines three solutions in one: an innovative process design studio, a powerful BPM engine and a breakthrough end user interface.

Bonita Open Solution offers a simple, intuitive and graphical solution that's as easy a drawing on a whiteboard. Deploying a process takes a single click. The innovative inbox approach offers users an easy way to manage tasks and collaborate. Bonita Open Solution is flexible enough to adapt to any Information Systems architecture and powerful enough to support intensive workload.

### Modelling in the cloud

Currently, Bonita Open Solution modelling tool (called Bonita Studio) is a rich client application based on Eclipse. We definitely want to provide a web based modelling tool.

### Saas / Paas

We want to address this new market and provide a full on-line solution in the cloud. To achieve that, we need to move Bonita Runtime to the cloud and so we need to support features like multi tenancy / data isolation. We also need to improve Bonita User Experience to manage many accounts on the same installation.

probably we will have to do additional work to be easily integrated in a complete Paas.

Regards,

Charles Souillard  
Chief Technical Officer and Co-Founder

## **Talend interests for OSCi**

Dear all,

Thank you for this morning meeting. Let me introduce in this email what Talend (leader in open source data management - Data integration, DataQuality and Master Data Management [0]) provides.

We have 3 offers dedicated for SaaS or Cloud topics called :

- Talend On Demand,
- Talend Cloud,
- Talend Hadoop/Hive (it's a code name because the marketing offer is not currently out).

=== Talend On Demand ===

We have a (partial) SaaS mode in Talend called Talend On Demand. In this offer, we host the Webapp on talend server and customer can use it without to install a web server. However, the user must install a JobServer in their servers and the transformation will be handled by the customer local servers. He cannot use any agility from multiple servers in this offer and Talend doesn't want to push this offer thanks OSCi.

=== Talend Cloud ===

We created Cloud offer called "Business Intelligence in the Cloud" with JasperSoft (an OW2 member leader in Business Intelligence area), RightScale [1], Vertica (a Column based DBMS [2]) and based on Amazon EC2.

In this cloud-based Business Intelligence solutions stack, Talend users are able to easily launch and configure a Talend server on Amazon's EC2 platform through the ease of a RightScale interface. Talend for the cloud enables users to efficiently and quickly move their on-premise data into the cloud, or to take advantage of the Talend Cloud Execution Servers for transformation upon loading of their Cloud sources with great speed and superior performance.

=== Talend Hadoop/Hive ===

The last thing is to integrate Hadoop/HIVE[3] inside a Talend job for use multiple nodes for processing. Talend provides a user friendly GUI to easily design a data integration job and can put on the HDFS (HaDoop FileSystem), handle transformation thanks HIVE and get data from HDFS. We used Hadoop/HIVE because it's a SQL language and our users are not Java developers but Business Intelligence Consultants with a very good knowledge in SQL but bad knowledge on Java. HIVE is an easy way for us to provide automatically the split of a single transformation on a lot of nodes without any technical stuff to setup. However, we need to setup firstly the infrastructure (Hadoop file system).

[0] <http://www.talend.com>

[1] <http://www.rightscale.com/lp/bi-stack.php>

[2] <http://www.vertica.com/Cloud-and-Virtualization>

[3] <http://wiki.apache.org/hadoop/Hive/Tutorial>

Regards, Cordialement,

Cédric Carbone, CTO

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## ***ProActive Parallel Suite interests for OSCi***

Here are the interests and contributions of ProActive Parallel Suite to OSCi.

ProActive Parallel Suite is co-developed by the OASIS Team (INRIA-University of Nice Sophia Antipolis), <http://proactive.inria.fr/> and the ActiveEon company <http://www.activeeon.com/>.

ProActive offers 3 complementary framework:

- ProActive Programming: Java Parallel Toolkit
- ProActive Scheduling: Multi-Platform Job Scheduler with Workflow
- ProActive Resourcing: Desktop, Cluster, Grid & Cloud Resource Manager

[http://proactive.inria.fr/index.php?page=5\\_minutes\\_try](http://proactive.inria.fr/index.php?page=5_minutes_try)

- ProActive Programming: Java Parallel Toolkit

<http://www.activeeon.com/brochures/Programming-PS-3.pdf>

Accelerate & Scale your most demanding applications with Multi-Core and Distributed Parallel Computing:

- \* Portability, Fault-tolerance, File transfer, SOA, Security
- \* Master Worker, Monte Carlo, Legacy Wrapping, SPMD, File Split & Merge, Task Flow
- \* Monitoring & Optimizing GUI

- ProActive Scheduling: Multi-Platform Job Scheduler with Workflow

<http://www.activeeon.com/brochures/Scheduling-PS-3.pdf>

Schedule and manage parallel jobs on all your company's resources and on external clouds:

- \* Fault-tolerance, Security, File Transfer
- \* Taskflows in Java or XML with temporal and data dependencies
- \* Java or native applications, scripts (Ruby, Python, JavaScript), Matlab, Scilab, MPI, NVIDIA GPU, ProActive Programming

- ProActive Resourcing: Desktop, Cluster, Grid & Cloud Resource Manager

<http://www.activeeon.com/brochures/Resourcing-PS-3.pdf>

Leverage existing infrastructures, connect with external Clouds:

- \* Enterprise Cloud with Virtualization (VMware, KVM, Xen)
- \* Dynamic Resource Acquisition (including EC2)
- \* Deploy applications with various protocols (ssh, rsh, sshGSI), on most schedulers (PBS, LSF, SGE, Prun, EGEE gLite, IBM LL)
- \* Windows and Linux Agents

Overall, ProActive features Java Parallel Programming seamlessly integrated with Scheduling and Resource Management, providing a framework that allows to accelerate applications, to build Enterprise Clouds together with the capability to top on Public resources on-demand.

ProActive is designed to be open and flexible, so we are excited about the opportunity given by OSCi to collaborate and integrate with complementary OW2 software such as JOnAS, JASMINe, Talend ...

Regards,  
Denis

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Denis Caromel <mailto:caromel@unice.fr>

## ***Engineering interests for OSCi***

Dear All,

let me complement the Engineering interests already introduced by Grazia in the last call.

My name is Andrea Manieri, I'm head of R&D unit on Distributed Computing Infrastructure. Our unit is involved in some cloud initiative with the objective to address specific security aspects that may hinder the adoption by the commercial sector.

In particular we're interested

- in exploring the how to overcome security weaknesses of virtualisation environment, by hardening them and by developing some monitoring tools that may help also in assessing the compliance with security certifications (ISO27001 and PCI ). On this we have two projects on different aspects and any results will be released as OSS.
- in evolving our open source framework for federating Identities, Policies and Accounting elements in grids/cloud environment.
- in experimenting open source cloud solutions (we're now engaged with Eucalyptus and OpenNebula) in production environments, either on general purpose server and blade servers.

Hope this help in shaping the overall scope of the initiative

Cheers

A.

## ***INRIA ADAM interests for OSCi***

Dear all,

Here are the interests of the INRIA ADAM team for this initiative.

1/ ADAM develops the FraSCAti middleware platform which implements the OASIS SCA standard for service-oriented and component-based applications. As such, FraSCAti provides a contribution for the SaaS layer. FraSCAti has been integrated as a service engine in the Petals ESB developed by Petals Link. We wish to pursue such a direction in order to reinforce the links between the SaaS and PaaS layers. FraSCAti is an OW2 project.

2/ ADAM participates to the ANR SocEDA project which is led by Petals Link. The project targets to develop an event-based architecture for the cloud. In the project, ADAM will more precisely be involved in the definition of the layer for distributed complex-event processing.

Regards,

Lionel Seinturier

U. Lille 1 & INRIA - ADAM team

## ***JasperSoft interest for OSCi***

Dear All,

As the SVP of Development for JasperSoft, I want to introduce JasperSoft and our Cloud perspectives/strategy to the OSCi Team.

- A quick overview of JasperSoft
  - o JasperSoft's open source business intelligence is the world's most widely used BI software, with over 10 million community product downloads worldwide and more than 12,500 commercial customers in 100 countries. JasperSoft provides a web-based, open and modular approach to the evolving business intelligence needs of the enterprise and is the only BI vendor enabling true multi-tenancy while providing a common platform for on-premise, virtualized, SaaS and Cloud deployments. JasperSoft's products span the continuum of core BI requirements, including reporting, analysis, dashboards and mash-ups, data analysis, and data integration. Its BI software is updated constantly by a community of more than 130,000 registered members working on more than 350 projects, which represents the world's largest business intelligence community.
- Cloud Strategy
  - o As Cedric Carbone discussed in his intro, JasperSoft is a key element in the "Business Intelligence in the Cloud" solution together with Talend (an OW2 member leader in Business Intelligence area), RightScale, Vertica (a Columnar based DBMS) and based on Amazon EC2.
  - o In this cloud-based Business Intelligence solutions stack, JasperSoft users are able to easily launch and configure a JasperSoft server on Amazon's EC2 platform in just a few minutes (via RightScale templates). JasperSoft has invested in Cloud deployment strategies for over 3 years now and we have a growing customer base that utilizes our Cloud deployment options to support their BI needs.
  - o JasperSoft Cloud offering allows users to;
    - § Create reporting and analysis applications on-demand to optimize response to sudden new project requirements and market changes
    - § Offload expensive processing from overburdened data warehouses and avoid costly upgrades
    - § Support Proof-of-concept BI applications without purchasing and implementing new IT infrastructure
    - § We also are unique among BI vendors in providing a true Multi-tenancy, capability critical for secure/optimized SaaS applications
    - § For more information, please see [View a video example of JasperSoft in the Cloud](#)

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## ***CVIC interst for OSCi***

Dear All,

My name is Huanying liu from CVIC. My key point is to build a close relationship between middleware and virtualization software, especially better than coupled loosely style. for example, just run middleware in a virtualization environment. I think this style is not enough.

In particular we're interested:

in elastic compute cloud based on middleware. We try to design some policies.

in smart administration. not only include hardware, vm, but also include applications and middlewares.

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