Questions/Answer

Verizon

October 2016

Sommaire

[1. Create cases 6](#_Toc472002319)

[2. SSO Filter 6](#_Toc472002320)

[3. PerformanceTest result 7](#_Toc472002321)

Expertise data

Customer

|  |  |
| --- | --- |
| **Name** | **Verizon** |
| **Location** |  |
| **Contact** |  |
| **Email** | anthony.malangone@verizon.com  jie.qian@verizon.com  srinivasa.raghupatruni@verizon.com |
| **Project** |  |

BonitaSoft

|  |  |  |
| --- | --- | --- |
|  | **Sales** | **Consultant** |
| **Name** | Ashira Blau | Pierre-Yves Monnet |
| **Email** | Ashira.Blau@bonitasoft.com | Pierre-yves.monnet@bonitasoft.com |

Technical Configuration

|  |  |  |
| --- | --- | --- |
|  | **Development** | **Production** |
| **OS** |  |  |
| **JVM** |  |  |
| **Application Server** | Tomcat | Tomcat |
| **Database** | Oracle | Oracle |
| **Web browse** |  |  |
| **Bonita BPM Version** | 7.3.3 | 7.3.3 |

Delivery abstract

# Tests Process

## charge et performance

ON demarre 10000 cases sur un process reel + robot joue les taches humaines

## Scenario (functionnel)

### Soit en partant de cases Reel :

Case 1003, 1004, 1005 : on calcul 3 scenario a partir de ces process Instance

Question : sur une tache humain, a-t-on acces au CONTRAT soumis ?

### Use a langage

Scenario test fonctionnal

<createCase processdefinitionname="pool" processdefinition="1.0" caseid="MyCaseFrancis">

<contract name"firstname" value="Francis"/>

<contrat name=”amount” value=”5000”/>

<createCase>

<assert caseid="MyCaseFrancis" taskname="AmountTooBig" performanceexpectedms="4000">

<variable name="amount" value="233" type="Integer">

\* <assert>

\* <executeTask caseid="MyCaseFrancis" taskname="AmountTooBig">

\* <contract name="status" value="true">

\* <contract name="comment" value="accepted">

\* </executeTask>

\* <executeTask caseid="MyCaseFrancis" taskname="FinalAcceptance">

\* <contract name="final" value="validated">

\* </executeTask>

\* <assert caseid="MyCaseFrancis" isarchived="true" performanceexpectedms="35000"/>

Test de perdformance

\* Load Test :

\* <createCase processdefinitionname="pool" processdefinition="1.0" numberofcase="1000">

\* <contract name="firstname" value="Francis">

\* <contract name="amount" value="10000">

\* <createCase>

\* <createCase processdefinitionname="pool" processdefinition="1.0" numberofcase="500">

\* <contract name"firstname" value="Francis">

\* <contract name"firstname" value="14000">

\* <createCase>

\* <executeTask taskname="AmountTooBig" numberoftask="500">

\* <contract name="status" value="true">

\* <contract name="comment" value="accepted">

\* </executeTask>

\* <assert isarchived="true" performanceexpectedms="35000"/>

\*/

Extraire vers trestng

## Test de non regression (JUNIT)

Pouvoir avoir un moteur qui lancer les tests tous les jours

Envoyer une erreur par mail ?

## Test UI

selenium

## Test connector

## Process + connecteur simulé

# Analyse

## Couverture de test :

Par toute les activite du process ?

## Analyse de performance

### A froid

Temps exécution connecteur

RestAPI performance (REST API EXTENSION / STANDARD sur le BDM) : Event Handler ?

### En cours

Fuite mémoire ?

Nota: all this test can be run manually or every day + report by email

Find a solution for “I want to test a form in the middle of my process with executed first task in automatic”

⇒ Robot to execute the first task

==>Repair API to jump in this task

Find a way to cover all branch in a processus / Regression test by a list of scenario

Random value on a task

Call all REST API (not bonitasoft REST API) to test it by a list of scenario (value)

Test Deployment : all resource attach to a process are they correctly deployed ?

Which ressources : REST API / BDM

Test performance: REST API EXTENSION / Custom Query BDM / Process

Test unique / performance test history + threshold (example : the process need 50s and if the now 55s I want to have a warning if I set the threshold to 53 s)

Preview de l’UI Designer with an ID to test the form with this ID /

UIDesigner : have a button “upload” to upload the current form in the process to not need to replay all the process by run (do an export / Import in the form)

## **Performance (audit)**

System

* java machine / jconsole / jvisualvm
* disk
* database

Process

* Connector : execution time
* + alert when a connector, a Rest API, a BDM query  is over than a  threshold [Milk Truck custom page]

HEADQUARTERS

PARIS, FRANCE

76 boulevard de la République

92100 Boulogne-Billancourt

EMEA, ASIA & LATIN AMERICA

GRENOBLE, FRANCE

32, rue Gustave Eiffel  
38000 Grenoble

NORTH AMERICA

SAN FRANCISCO, USA

44 Tehama Street  
San Francisco, CA 94105

NEW YORK, USA

33 Nassau Avenue

Brooklyn NY 11222