

# Pentaho BA Server

## 5 plugins sympas...



# Les plugins incontournables

(et donc hors catégorie)

## Les Ctools :

Community Dashboards Framework  
Webdetails



Installé

5.4.0.0-128 (5.4)

Mise à jour

Community Data Access  
Webdetails



Installé

5.4.0.0-128 (5.4)

Mise à jour

Community Dashboard Editor  
Webdetails



Installé

5.4.0.0-128 (5.4)

Mise à jour

Community Graphics Generator  
Webdetails



Installé

5.4.0.0-128 (5.4)

Mise à jour

## Every Dashboard tells a story

Discover the potential of the CTools, explore the Advanced Dashboards demos.

These interactive examples showcase the "Art of the Possible" with the power of the Pentaho Platform.

Pentaho can be customized and extended to achieve unique solutions that address specific business goals. These solutions shown here are not available "out of the box". If you would like to learn more about how Pentaho Services can help you create a solution to meet your business needs please contact us.



### BIG WIRELESS

Gather Sales Information of a major phone retailer. Understand and manage inventory stocks using the order manager tool. See how a Dashboard can be articulated with a App Builder app in a simple operational analytics example.



### BIOME

Harnessing fitness device data to deliver high-value analytics to healthcare institutions. In this demo you can see how Pentaho can embed a dashboard and ad hoc analysis in a web app.

View Walkthrough



### CHICAGO CRIME

Monitor the crime activity in Chicago for the last 13 years. Understand where and how crimes take place and solve the city's crime puzzle.



### STEEL WHEELS

Analyze the sales and profit breakdown of a major transportation producer. View data by type of vehicle or location.



### MUSIC STREAMING

Follow different music genre trends in an online music streaming platform.



### LLR

Understand the participation on a fundraising event together with the social activity it generates.



# Les plugins incontournables

(et donc hors catégorie)

**SAIKU** (à installer via la marketplace)



CUTTING EDGE OPEN SOURCE ANALYTICS

Cubes

Steer/WheelsSales

Dimensions

- Customers
- Markets
  - (All)
  - Territory
  - Country
  - State Province
  - City
- Order Status
  - (All)
  - Type
- Product
  - (All)
  - Line
  - Vendor
  - Product
- Time
  - (All)
  - Years
  - Quarters
  - Months

Measures

- Measures
  - Quantity
  - Sales

Columns: Years Months Sales

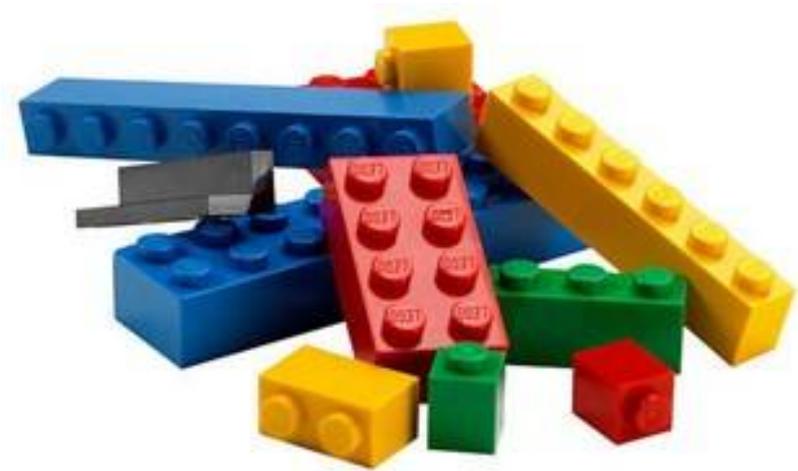
Rows: Line Territory Quantity

Filter: Type

Territory	MeasuresLevel	Line	2004												
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
APAC	Quantity	Classic Cars		79	48			559	193			287		451	168
		Vintage Cars		61	95			250	515			188		195	263
	Sales	Classic Cars		9 748	7 246			66 000	25 590			26 194		50 697	13 896
		Vintage Cars		3 217	8 605			23 068	46 238			16 709		20 681	28 692
EMEA	Quantity	Classic Cars	999	719	463	709	484	429	525	865	291	1 390	1 424	678	
		Vintage Cars	368	72	390	417		342	344	615	488	679	1 294	463	
	Sales	Classic Cars	111 518	86 727	57 383	74 701	65 131	50 408	59 930	97 282	45 690	168 310	138 199	60 510	
		Vintage Cars	36 958	7 909	38 664	42 110		26 804	28 650	53 865	44 809	56 047	114 637	53 609	
Japan	Quantity	Classic Cars				115		77		28				87	
		Vintage Cars		82				21						126	
	Sales	Classic Cars				17 114		11 322		3 128				10 506	
		Vintage Cars	4 071					1 257						16 142	
IAA	Quantity	Classic Cars	74	350	184		126	94	545	992	221	396	1 707	328	
		Vintage Cars	393	181	212	201	329	250	24	234	117	706	690	239	
	Sales	Classic Cars	11 273	41 165	23 761		18 251	9 703	65 717	116 486	25 122	55 547	172 830	41 187	
		Vintage Cars	33 889	13 915	17 318	12 920	26 749	19 924	1 736	24 274	11 582	60 113	82 530	19 865	

# 5 plugins à découvrir

- 4 Mature Release
- 3 Stable Release
- 2 Snapshot Release
- 1 Development Phase



# #5 CST : Community Startup Tabs (WebDetails)

Ouvrir des onglets après la connexion en fonction des droits



## Community Startup Tabs

Edit the configuration file below to setup the rules to be applied.

Path: /system/cst/resources/config.xml

About



Save

```
1 <?xml version="1.0"?>
2 <cstConfig>
3   <rule match="USER" pattern="false" value="admin">
4     <tab title="Sample CDA query for user admin" fullScreen="false" tooltip="A CDA sample"><![CDATA[api/repos/%3Apublic%3Aplugin-samples%3Apentaho-cdf%3A20-samples%3Ahe
5   </rule>
6   <rule match="USER" pattern="false" value="suzy">
7     <tab title="Sample CDE dashboard for user suzy" tooltip="A CDE sample"><![CDATA[api/repos/%3Apublic%3Aplugin-samples%3Apentaho-cdf-dd%3Acde_sample1.wcdf/generatedCo
8     <tab title="Sample CDA query for user suzy" fullScreen="false" tooltip="A CDA sample"><![CDATA[api/repos/%3Apublic%3Aplugin-samples%3Apentaho-cdf%3A20-samples%3Ahe
9   </rule>
10  <rule match="DEFAULT">
11    <tab title="Mes Pointages" order="1" fullScreen="false" tooltip="A CDF sample"><![CDATA[api/repos/%3Apublic%3AAtol%20CD%3Aames_pointages.prpt/viewer]]></tab>
12  </rule>
13 </cstConfig>
```



# #5 CST : Community Startup Tabs (WebDetails)

Ouvrir des onglets après la connexion en fonction des droits

Mes Pointages x

< > 1 / 1 | ☰

Du 02/05/2016 au 08/05/2016				
Projet	Tâche	Sous-tâche	Commentaire	Nb H
<b>lundi 02/05/2016</b>				
ANFR - TRIBORD (Forfaits FCS et Radiomaritime)	01. Gestion de Projet & Réunions	01. Gestion de GdP Projet & Réunions		1,50
ANFR - TRIBORD (Forfaits FCS et Radiomaritime)	04. Développements Restitutions & Cubes	04. Développements Restitutions & Cubes	Corrections fcs & radiomaritime	2,50
AtolCD - Avant vente	Avant-Vente OSBI	Avant-Vente OSBI	réunion commerciale bimensuelle + factu avril	2,00
MAAF - Marché Décisionnel MUODEC3	MAAF - DEV Nomade Lot 3 (Cmde NOMADE_12)	MAAF - DEV Nomade Lot 3 (Cmde NOMADE_12)	0041563: [Audit job PDI] Gestion d'erreur	1,00

# #4 Startup Rule Engine (WebDetails)

Initialiser simplement des variables de sessions

- Depuis l'origine, Pentaho offre un mécanisme pour charger des variables en session (connexion d'un utilisateur, démarrage serveur)
- Ce mécanisme permet par exemple de stocker en mémoire des paramètres intrinsèques à chaque profil (par exemple région, service d'appartenance) pour filtrer les données dans les rapports, les cubes, les dashboards...
- Avant ce plugin il fallait procéder comme suit :
  - 1 : Création d'une Xaction pour charger les variables session
  - 2 : Configuration du déclenchement de l'Xaction dans le fichier : /pentaho-solutions/system/**sessionStartupActions.xml**

# #4 Startup Rule Engine

## 1. Création de l'Xaction « set\_session\_vars.xaction » :

The screenshot shows the configuration window for the Xaction 'set\_session\_vars.xaction'. The interface is divided into several sections:

- Process Inputs:** A tree view showing 'inputs' with sub-items 'USER\_CODE\_STRUCTURE' and 'principalRoles (string)', and 'resources'.
- Process Action: Relational:**
  - Name:** Liste codes structures
  - Database Connection Type:** JNDI (selected), JDBC, Shared
  - Result Set Type:** Live Result Set (selected), In-Memory Result Set
  - Name:** iq-valse-v01
  - Query:**

```
select "CODE_STRUCTURE", "ROLE"
from "IQVALSEADM"."STRUCTURE_PAR_ROLE"
where "ROLE" in ((PREPARE:principalRoles))
```
  - Run Query Immediately:** Selected
  - Run Query From Pentaho Subreport:** Unselected
  - Result Set Name:** liste\_codes
  - Result Set Columns:**

Name	Type
code_structure	string
role	string
<<Add>>	
- Process Actions:** A tree view showing 'Liste codes structures' with sub-items 'liste\_codes', 'code\_structure', and 'role', and 'JavaScript'.
- Process Outputs:** A tree view showing 'outputs' with sub-item 'codes'.

The screenshot shows the 'Action Sequence XML' configuration window for the Xaction 'set\_session\_vars.xaction'. The XML content is as follows:

```
<outputs>
  <codes type="string">
    <destinations>
      <session>USER_CODE_STRUCTURE</session>
    </destinations>
  </codes>
</outputs>

<resources/>

<actions>
  <action-definition>
    <component-name>SQLLookupRule</component-name>
    <action-type>Liste codes structures</action-type>
    <action-inputs>
      <principalRoles type="string"/>
    </action-inputs>
    <action-outputs>
      <query-result type="result-set" mapping="liste_codes"/>
      <code_structure type="string"/>
      <role type="string"/>
    </action-outputs>
    <component-definition>
      <jndi><![CDATA[iq-valse-v01]]></jndi>
      <query><![CDATA[select "CODE_STRUCTURE", "ROLE"
from "IQVALSEADM"."STRUCTURE_PAR_ROLE"
where "ROLE" in ((PREPARE:principalRoles))]]></query>
      <live><![CDATA[true]]></live>
    </component-definition>
  </action-definition>
</actions>
```

# #4 Startup Rule Engine

## 2. Configuration de l'appel dans sessionStartupActions.xml :

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE beans PUBLIC "-//SPRING//DTD BEAN//EN"
"http://www.springframework.org/dtd/spring-beans.dtd">
```

```
<!--
```

This is the spring configuration file that is used to wire session startup actions into the Pentaho BI Platform. Session startup actions are action sequences that are run when a particular type of session is started up. At the time of this writing the known session types were: PentahoHttpSession, PentahoPortletSession, UserSession, & Standalone session.

```
-->
```

```
<beans>
```

```
  <bean id="sessionStartupActionsList" class="java.util.ArrayList">
```

```
    <constructor-arg>
```

```
      <list>
```

```
        <!-- Start of PentahoHttpSession startup actions. -->
```

```
        <bean class="org.pentaho.platform.engine.core.system.SessionStartupAction">
```

```
          <property name="sessionType" value="org.pentaho.platform.web.http.session.PentahoHttpSession"/>
```

```
          <property name="actionPath" value="dsp-value/set_session_vars.xaction"/>
```

```
          <property name="actionOutputScope" value="session"/>
```

```
        </bean>
```

```
      </list>
```

```
    </constructor-arg>
```

```
  </bean>
```

```
</beans>
```

# #4 Startup Rule Engine

Avec Startup Rule Engine, l'approche est plus simple !

- Pas seulement un outil pour le setting de variables d'environnement : un véritable démon d'initialisation basé sur PDI !

Principe :

- On pousse des ktr/kjb dans un dossier de la console
- On configure dans l'interface ce qui doit être lancé et comment :
  - Exécution au démarrage de pentaho
  - Exécution à la connexion de l'utilisateur
  - Exécution à la déconnexion de l'utilisateur

# #4 Startup Rule Engine

File View Tools Help  
Opened ▾ admin ▾

Startup Rule Engine x

Startup Rule Engine

Drop Kettle transformation/job files into your **pentaho-solutions/system/startupRules** folder and schedule their execution here.

Run service at:

Run	Service	Description	Start	Login	Logout	Last execution	Status	View log
	00_setsessionvariable.ktr	Sets the value of a session variable	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manually at 2014/02/13 15:41:32.077	Success	
	99_getsessionvariable.ktr	Reads the value of a session variable and writes it to the log.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manually at 2014/02/13 15:53:26.259	Success	
	log.kjb	Writes a message to the log	<input checked="" type="checkbox"/>					

**99\_getsessionvariable.ktr**

```
2014/02/13 15:23:44 - Write to log.0 - Finished processing (I=0, O=0, R=1, W=1, U=0, E=0)
2014/02/13 15:23:44 - OUTPUT.0 - Finished processing (I=0, O=0, R=1, W=1, U=0, E=0)
2014/02/13 15:23:44 - Write to log.0 - =====
2014/02/13 15:23:44 - Write to log.0 -
2014/02/13 15:23:44 - Write to log.0 - CAR = porsche
2014/02/13 15:23:44 - Write to log.0 - REGION_list = null
2014/02/13 15:23:44 - Write to log.0 - tenantId = null
2014/02/13 15:23:44 - Write to log.0 -
```

# #4 Startup Rule Engine

The screenshot displays a software interface with a workflow diagram and a configuration dialog. The workflow diagram shows a sequence of steps: 'Data Grid' (document icon), 'Set session variables' (orange circle icon), and 'OUTPUT' (headset icon). A 'Write to log' step (document icon) is connected to the 'Set session variables' step. The configuration dialog for the 'Set session variables' step is open, showing the following details:

- Step name: Set session variables
- Apply formatting:
- Fields table:

#	Field name	Variable name	Default value
1	cars	car	

The dialog also includes 'OK' and 'Cancel' buttons. The background interface shows a 'Steps' pane on the left with a tree view containing folders like 'Input', 'Output', 'Transform', 'Utility', 'Flow', 'Scripting', and 'Lookup'. The top menu includes 'File', 'Edit', 'View', 'Action', 'Tools', and 'Help'.

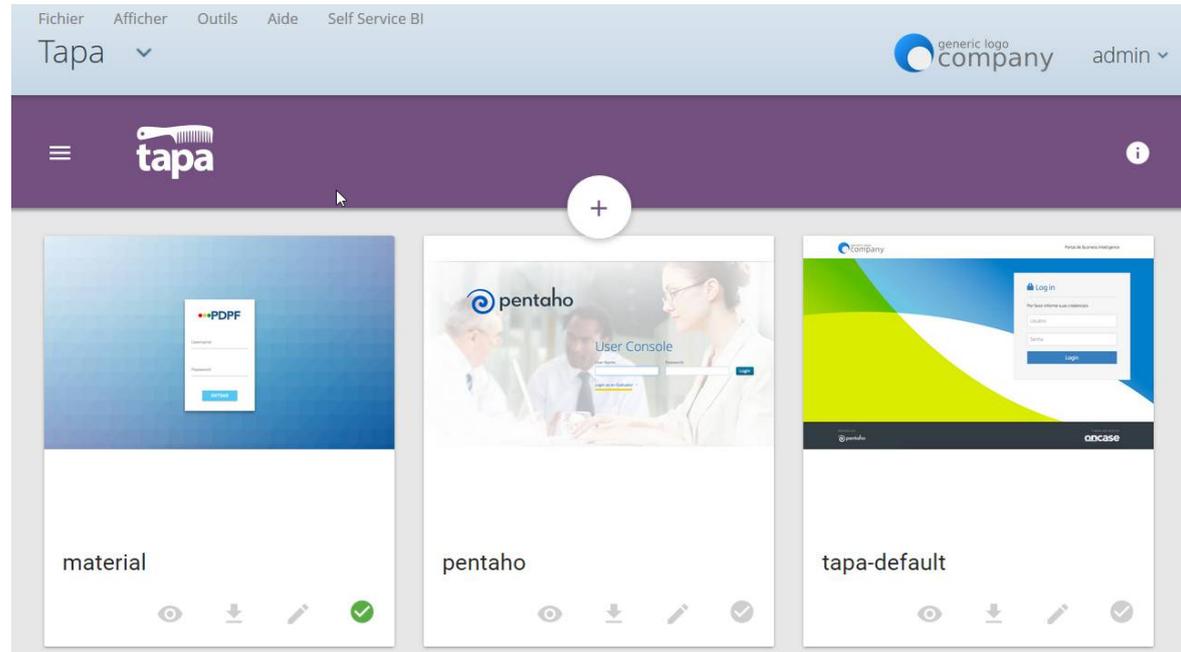
Référence: <http://pedroalves-bi.blogspot.fr/2014/02/startup-rule-engine-new-sparkl-app-in.html>

# #3 TAPA (OnCase)

## Personnaliser la console Pentaho

- TAPA permet de personnaliser :
  - la page d'authentification
  - la page d'accueil
  - le logo de la société
  - de définir ses propres templates et les injecter depuis la PUC

→ [Démo](#)



# #2 Pentaho CE Audit Log (IT4BIZ)

## Consultation de statistiques de connexions sur Pentaho

Ce plugin fourni des traitements (Kettle) et des restitutions (dashboard & cube) permettant de consulter les stats d'accès aux ressources Pentaho (qui ?, quoi ?, quand ?)

			2015			
			February			
			3			
			10	14	15	16
Type	User	File	Quantity	Quantity	Quantity	Quantity
execution	admin	/system/pentaho-ce-audit/dashboards/admin/dashboard.wcdf	1			2
		/system/pentaho-performance-monitoring/dashboards/home.wcdf		3	1	
		/system/sparkl/dashboards/admin/Main.wcdf		3		
		/system/sparkl/dashboards/admin/pluginInfo.wcdf		2		
login	admin	/public/Steel Wheels/Reports/Buyer Report (sparkline report).prpt				1
		/public/Steel Wheels/Reports/Invoice (report).prpt				1
		/public/Steel Wheels/Reports/Top Customers (report).prpt				1
login	suzy	Not specified				1
		Not specified				1



# #2 Pentaho CE Audit Log (IT4BIZ)

## Consultation de statistiques de connexions sur Pentaho

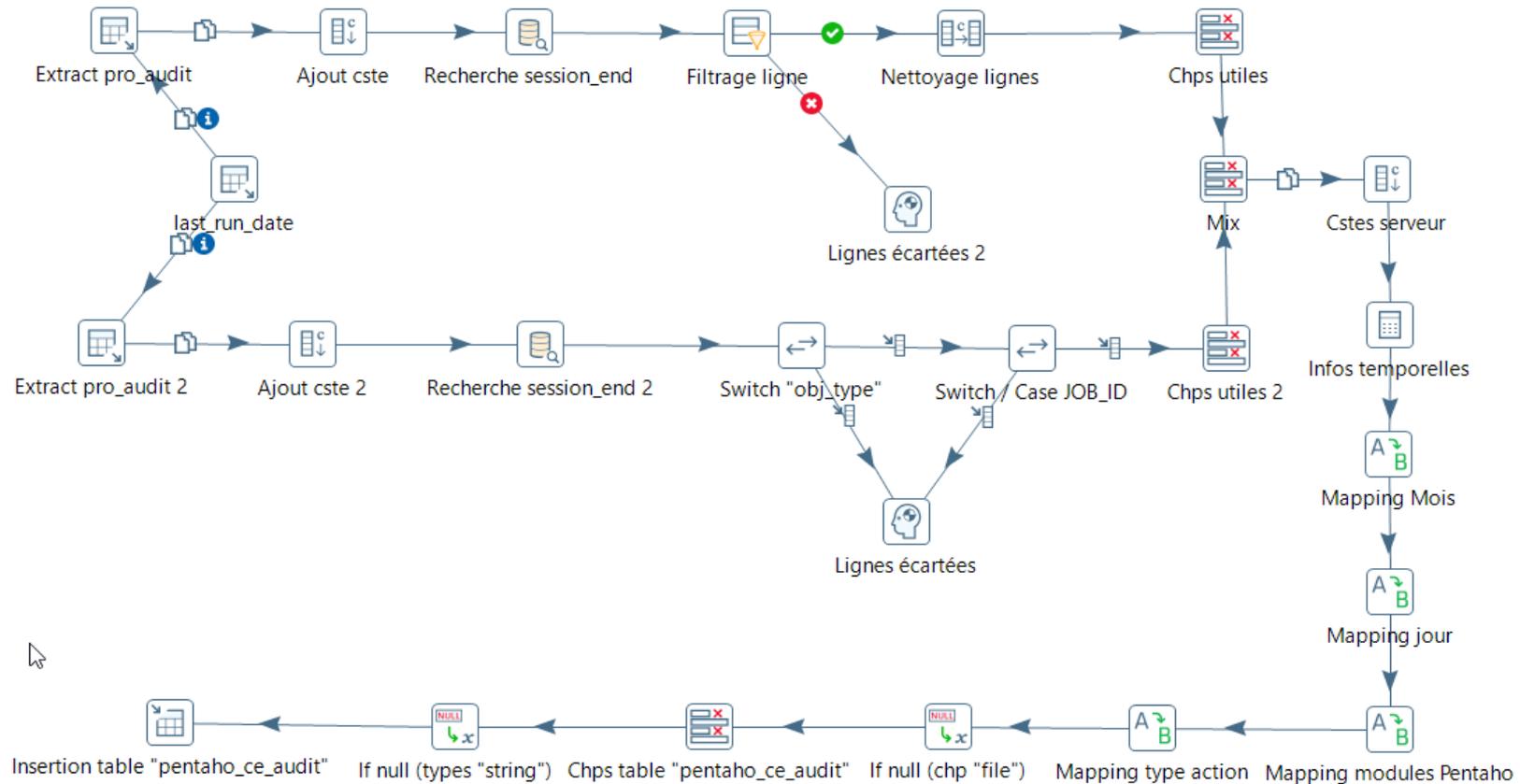
### Principe de fonctionnement :

- Dans la version CE, le stockage des traces des connexions s'effectue dans le fichier /pentaho-solutions/system/audit/PentahoAuditLog
- Pour que le plugin fonctionne, il faut passer en mode « log SQL » en créant une table « pro\_audit » dans la base hibernate
- Via une transformation Kettle fournie par le plugin, un traitement est effectué sur les données brutes depuis cette table puis elles sont pré-consolidées dans la table « pentaho\_ce\_audit »

Attention de base cette transfo fait de l'annule & remplace (évol Atol : MAJ)

# #2 Pentaho CE Audit Log (IT4BIZ)

Traitement PDI "load\_pentaho\_ce\_audit" :



# #2 Pentaho CE Audit Log (IT4BIZ)

Quand ?

Quoi ?

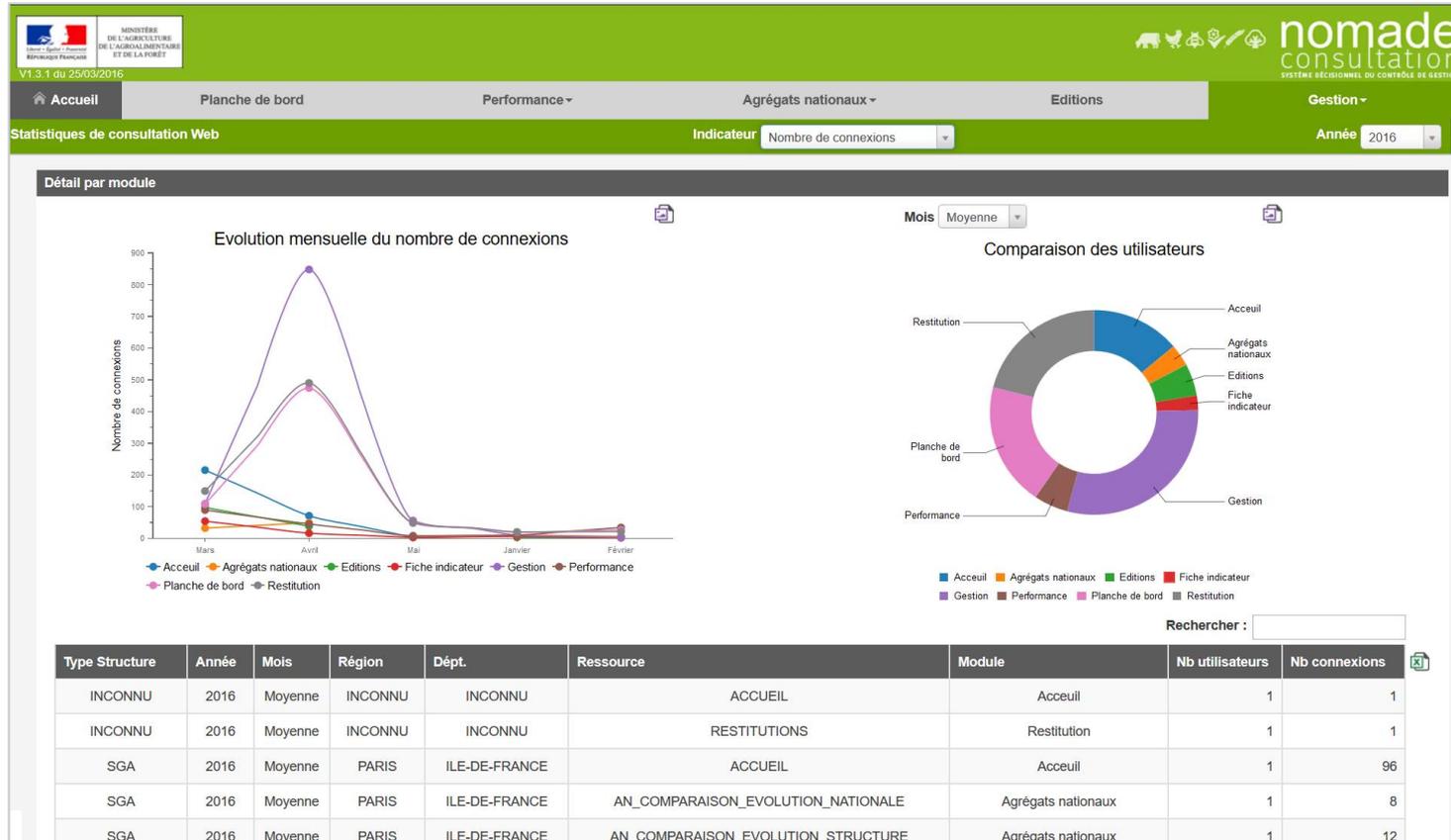
Qui ?

uid serial	datelog timestamp without time zone	plugin character varying	identifiant character varying(512)	ressource character varying(512)	type character varying	annee integer	mois integer	jour integer	tps_execution bigint
324	2015-12-04 09:52:48.439	CDE	david.bar	/public/P3/restitutions_P3.wcdf	execution	2015	12	4	0
474	2015-12-04 09:52:08.731	CDE	david.bar	/public/P3/restitutions_P3.wcdf	execution	2015	12	4	1
166	2015-12-04 09:44:46.539	CDE	david.bar	/public/P3/dashboards/suivi_webstat2.wcdf	execution	2015	12	4	0
442	2015-12-04 09:44:37.928	CDE	david.bar	/public/P3/dashboards/suivi_patrimoine.wcdf	execution	2015	12	4	1
274	2015-12-04 09:44:36.099	CDE	david.bar	/public/P3/restitutions_P3.wcdf	execution	2015	12	4	0
53	2015-12-04 09:44:31.945	CDE	david.bar	/public/P3/dashboards/suivi_patrimoine.wcdf	execution	2015	12	4	1
362	2015-12-04 09:44:29.112	CDE	david.bar	/public/P3/restitutions_P3.wcdf	execution	2015	12	4	0
231	2015-12-04 09:42:57.549	xAction	david.bar	/public/AuditLog/trans_refresh.xaction	execution	2015	12	4	1
6	2015-12-04 09:41:33.889	xAction	david.bar	/public/AuditLog/trans_refresh.xaction	execution	2015	12	4	1
292	2015-12-04 09:36:57.1	CDE	david.bar	/public/P3/dashboards/suivi_patrimoine.wcdf	execution	2015	12	4	0
329	2015-12-04 09:36:54.718	CDE	david.bar	/public/P3/restitutions_P3.wcdf	execution	2015	12	4	0
446	2015-12-04 09:32:04.227	CDE	david.bar	/public/P3/dashboards/suivi_patrimoine.wcdf	execution	2015	12	4	0
243	2015-12-04 09:32:02.341	CDE	david.bar	/public/P3/restitutions_P3.wcdf	execution	2015	12	4	0
529	2015-12-03 19:06:25.251	Non spécifié	marie-agnes.vibert	Non spécifié	login	2015	12	3	8215
170	2015-12-03 16:57:08.184	CDE	marie-agnes.vibert	/public/Steel Wheels/Dashboards/CTools_dashboard.wcdf	execution	2015	12	3	1
34	2015-12-03 16:56:49.086	CDE	marie-agnes.vibert	/public/DESREPORT/suivi_bia.wcdf	execution	2015	12	3	0
526	2015-12-03 16:49:16.854	Non spécifié	david.bar	Non spécifié	login	2015	12	3	74
531	2015-12-03 16:47:46.312	Non spécifié	david.bar	Non spécifié	login	2015	12	3	1827
65	2015-12-03 16:39:49.002	Reporter	david.bar	/public/NOMADE/editions/ED-DICOG02.prpt	execution	2015	12	3	27
60	2015-12-03 16:38:05.987	CDE	david.bar	/public/Ivy/Ivy Gaugue Component Example/Ivy Gaugue	execution	2015	12	3	0
91	2015-12-03 16:37:10.969	xAction	david.bar	/public/AuditLog/trans_refresh.xaction	execution	2015	12	3	2
459	2015-12-03 16:32:55.615	xAction	david.bar	/public/Audit Connexions/trans_refresh.xaction	execution	2015	12	3	1
174	2015-12-03 16:32:30.144	Reporter	david.bar	/public/NOMADE/editions/ED-PIL06.prpt	execution	2015	12	3	1
301	2015-12-03 16:31:28.856	xAction	david.bar	/public/Audit Connexions/trans_refresh.xaction	execution	2015	12	3	1



# #2 Pentaho CE Audit Log (IT4BIZ)

Exemple : Stats de consultation sur Nomade (Ministère Agriculture)



# #1 SPARKL (WebDetails)

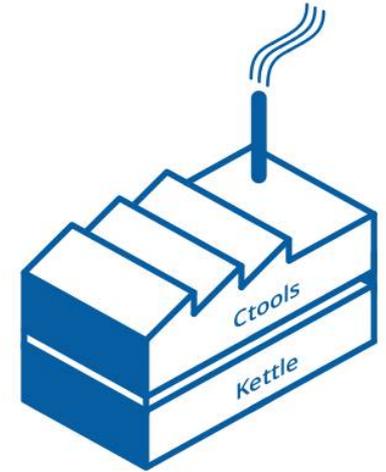
Un plugin pour faire... vos propres plugins !

Sparkl est un plugin de construction d'applications Pentaho qui repose sur :

- les **CTools**
- **Kettle**

Avant Sparkl, la construction d'un plugin Pentaho nécessitait de (très) bonnes connaissances en développement (JAVA, architecture Pentaho) et était donc un facteur limitant en terme de public capable de rajouter des fonctionnalités à la plateforme.

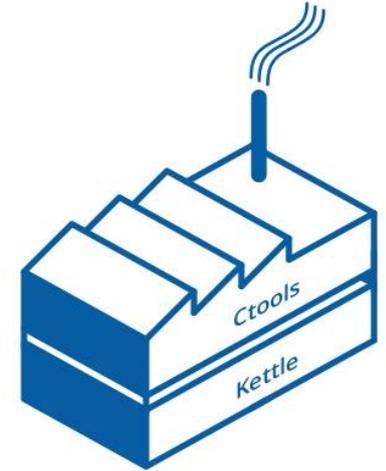
Avec Sparkl, des personnes qui maîtrisent Kettle et les CTools peuvent créer par eux-même leurs propres plugins, sans aucune compilation de code et zéro connaissance en Java. Génial non ?



# #1 SPARKL (WebDetails)

Un plugin pour faire... vos propres plugins !

En effet, comme toute application web, Sparkl fournit un front-end (User Interface) basé sur les CTools et un back-end basé sur PDI (à considérer dans ce contexte comme un langage de programmation permettant d'effectuer des traitements divers sur les données)



Références :

<http://community.pentaho.com/projects/app-builder>

<http://pedroalves-bi.blogspot.fr/2013/10/sparkl-pentaho-application-builder.html>

<http://www.osbi.fr/pilotez-vos-jobs-kettle-avec-sparkl-depuis-un-serveur-pentaho>

Note : les plugins « Startup Rule Engine » et « Pentaho CE Audit Log » sont des plugins SPARKL

# #1 SPARKL (WebDetails)

## Use Case



Permettre aux utilisateurs métiers d'effectuer leurs extractions à la demande...

... sans embêter le service IT !

Dashboard conçu et développé en interne par Delfingen sans aucun développement de code

### Extracts Dashboard

The screenshot displays the 'Extracts Dashboard' with a navigation bar at the top containing: Extracts, Users Permissions, Dashboards Permissions, Reports, and Raw Material Analysis. The main content area is organized into a grid of extraction cards:

- Export OOL by KAM:** Includes a dropdown for 'KAM : 1 - TONDO NATHALIE', radio buttons for 'en' and 'fr', an email field 'glaurent@delfingen.com', and a 'Send by Mail' button.
- Export OOL by Customer:** Includes a dropdown for 'Customer : 1 - YAZAKI', radio buttons for 'en' and 'fr', an email field 'glaurent@delfingen.com', and a 'Send by Mail' button.
- Export Price Offers:** Includes a date range '2016-05-01 > 2016-05-23', radio buttons for 'ALL', 'ANC', 'ASIA', and 'EAAS', an email field 'glaurent@delfingen.com', and a 'Send by Mail' button.
- Tunis Delivery Packing:** Includes an email field 'glaurent@delfingen.com' and a 'Send by Mail' button.
- Tax Refund:** Includes radio buttons for 'ALL', 'ANC', 'ASIA', and 'EAAS', a year dropdown '2016', an email field 'glaurent@delfingen.com', and a 'Send by Mail' button.
- Titan (Cadence / Machine):** Includes a dropdown for '01 - MA-TANGER', an email field 'glaurent@delfingen.com', and an 'Export Titan' button.
- Export Uranus 8D:** Includes a date range '2016-05-16 > 2016-05-23', an email field 'glaurent@delfingen.com', and a 'Send by Mail' button.
- Export HSO:** Includes a dropdown for 'Customer : 3M', a dropdown for 'Plant Code : (\*) All', an email field 'glaurent@delfingen.com', and a 'Send Mail' button.
- Export Pandora:** Includes a dropdown for '(YTD quantities / Market Segment)', an email field 'glaurent@delfingen.com', and a 'Send Mail' button.



# Testez-vous même !

## BA Server Marketplace

The screenshot shows the BA Server Marketplace interface. At the top, there are tabs for 'Disponible' and 'Installé'. Below the tabs, there are filters for 'Type: Tous', 'Étape: Tous', and a search bar. The main content area displays a list of plugins with their names, versions, and status. The 'Community Dashboard Editor' plugin is highlighted.

Plugin Name	Version	Status	Action
Pentaho Marketplace	5.4.0.0-128 (5.4)	Installé	Mise à jour
Community Dashboards Framework	5.4.0.0-128 (5.4)	Installé	Mise à jour
Community Data Access	5.4.0.0-128 (5.4)	Installé	Mise à jour
Community Dashboard Editor	5.4.0.0-128 (5.4)	Installé	Mise à jour
Community Graphics Generator	5.4.0.0-128 (5.4)	Installé	Mise à jour
Sparkl - Pentaho Application Builder	master (5.4)	Installé	Mise à jour
Pentaho Repository Synchronizer	15.06.30 (RELEASE)	Disponible	Installer

## PDI Marketplace

The screenshot shows the PDI Marketplace interface. At the top, there is a search bar and a 'Detected Plugins' section. Below this, there is a list of plugins with their names and status. The 'PDI GIS Plugins' plugin is selected, and its details are shown in a pop-up window.

**Detected Plugins:**

- Token Replacement - not installed
- SuperScript - not installed
- Simple redis input and output steps - not installed
- Parquet Output Plugin - not installed
- PDI Essbase Plugin - not installed
- Special Character Remover - not installed
- PDI SequoiaDB Plugin - not installed
- Apache Drill JDBC Connector - not installed
- Presto JDBC Connector - not installed
- Fast JSON Input - not installed
- SlackBot - not installed
- Stream Schema Merge - not installed
- Unique List - not installed
- Sanmargar NIP, PESEL, REGON Validator - not installed
- PDI GIS Plugins - not installed

**Details for PDI GIS Plugins:**

- ID:** pentaho-gis-plugins
- Name:** PDI GIS Plugins
- Available:** 1.1-SNAPSHOT
- Authors:** Atol CD
- Plugin:** C:\Pentaho KETTLE\pdi-5.4.0.1\plugins\steps
- Description:** Provides GIS steps for PDI : file input, file output, coordinates transformation, geoprocessing.

# Pentaho vs Wild

- **Forces :**

- Une suite complète pour votre BI
- Parfaite intégration de Kettle au niveau du serveur BI
- Un vrai mécanisme de plugin (BA Server et Kettle)

- **Faiblesses :**

- Reporting pré-défini moins bon que JasperSoft
- Pas d'outil de self-service Dashboard (QlikSense, Tableau..)
- Reporting Ad Hoc => réponse en EE / en CE : Saiku Ad Hoc

# Merci à tous !

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