



QuartzDesk

**Planifier et monitorer vos jobs Kettle...
via une console web !**



atol Conseils &
Développements



Qu'est-ce que Quartz ?





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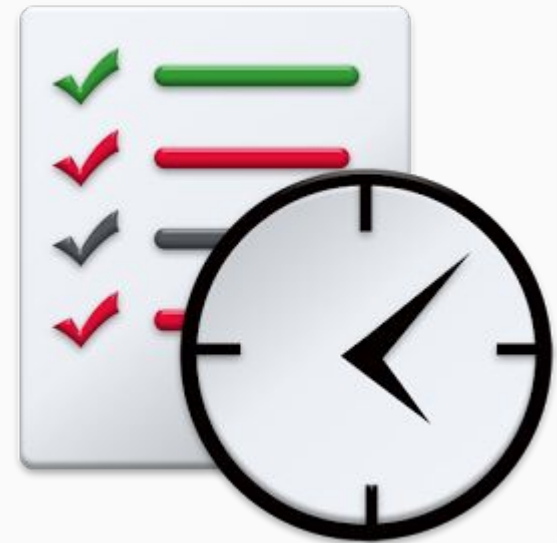




Quartz est un **ordonnanceur** open-source, développé en langage Java, qui permet de **planifier des tâches** pour des **exécutions ponctuelles** ou **répétées**.

Les planifications possibles vont de la **simple répétition infinie**,
à la **répétition calendaire**

par exemple : tous les jours à minuit,
le 31 janvier 2016 à 12h00...

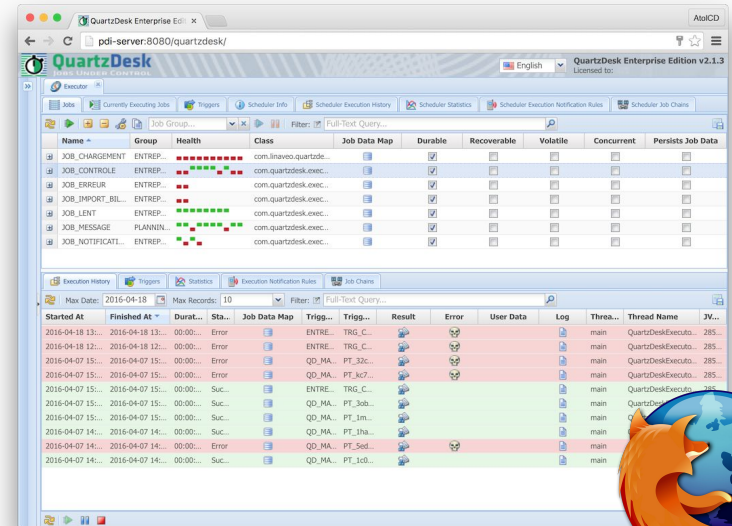




Qu'est-ce que QuartzDesk ?



Quartz



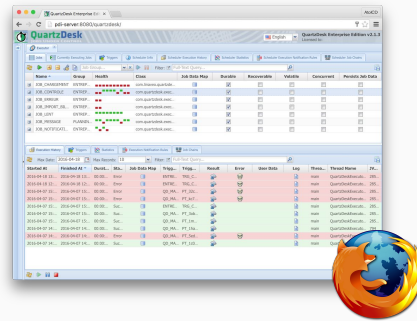
Console web



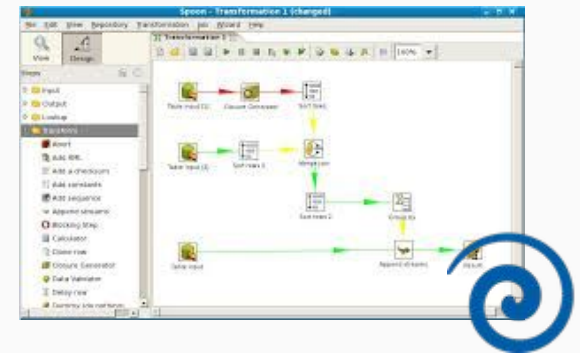
Pourquoi QuartzDesk ?



Quartz



QuartzDesk



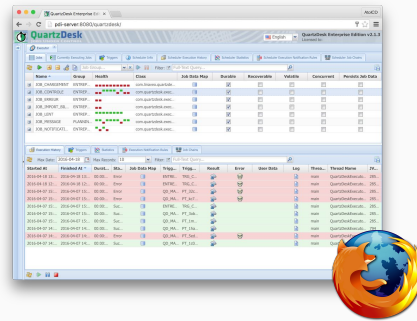
Kettle PDI



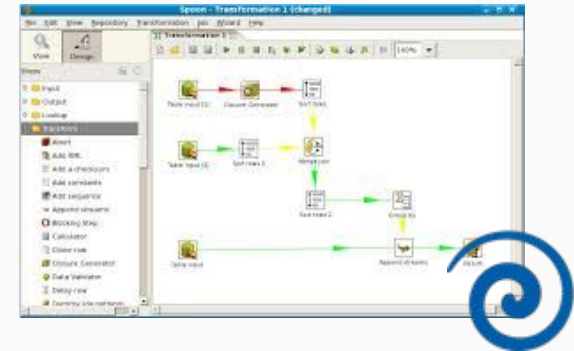
Pourquoi QuartzDesk ?



Quartz



QuartzDesk



Kettle PDI

pour **planifier et surveiller** l'exécution
des **traitements ETL Kettle** via une console accessible
depuis un **simple navigateur web**

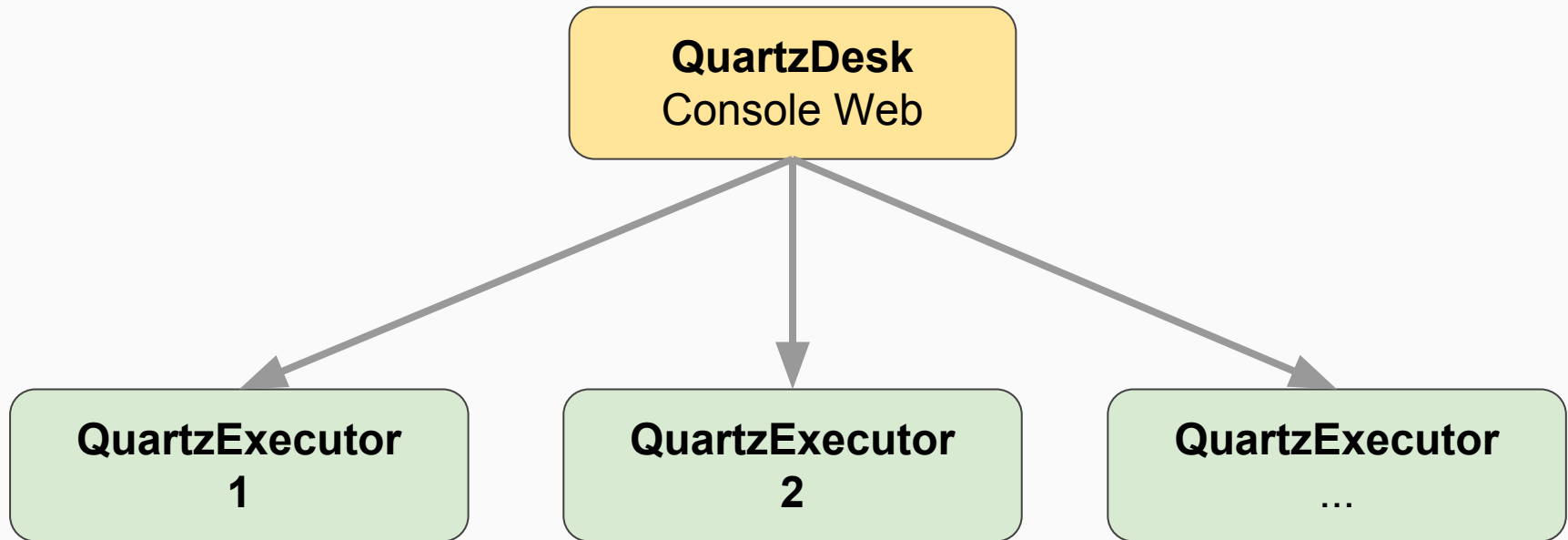


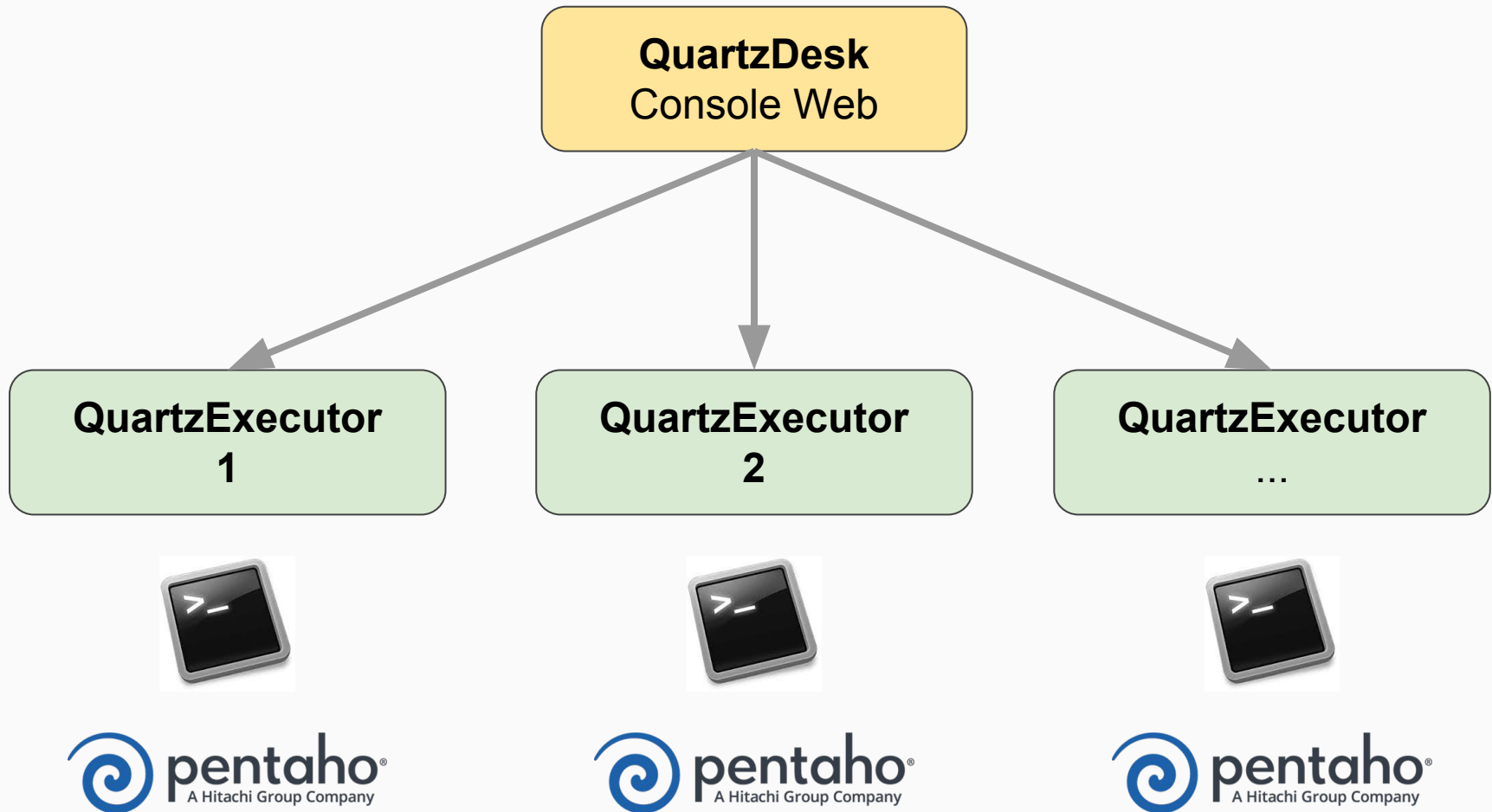
Les principales fonctions

-  Planifier un traitement Kettle (ou commande système)
-  Consulter l'historique des exécutions
-  Consulter la trace retournée par Kettle
-  Envoyer des notifications en fonction du résultat
-  Exécuter d'autres traitements en fonction du résultat
-  Obtenir des statistiques d'exécution



QuartzDesk
Console Web







QuartzDesk Enterprise Edition v2.1.3
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English

Jobs

Currently Executing Jobs

Triggers

Scheduler Info

Scheduler Execution History

Scheduler Statistics

Scheduler Execution Notification Rules

Scheduler Job Chains

Job Group...

Filter: Full-Text Query...

Name	Group	Health	Class	Job Data Map	Durable	Recoverable	Volatile	Concurrent	Persists Job Data
JOB_CHARGE...	ENTREPOT		com.linaveo.quartzdesk.executor...		☒	☐	☐	☐	☐
JOB_CONTRO...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_ERREUR	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_IMPORT...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_LENT	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_MESSAGE	PLANNING		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_NOTIFIC...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐

Execution History

Triggers

Statistics

Execution Notification Rules

Job Chains

Max Date: 2016-04-07

Max Records: 10

Filter: Full-Text Query...

Started At	Finished At	Duration	Sta...	Job Data Map	Trigger...	Trigger...	Result	Error	User Data	Log	Thread...	Thread Name	JV...
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_2qvo...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_795t...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:02...	Error		QD_MAN...	PT_163o...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_1ny9...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_10un...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_7km...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:05...	Suc...		QD_MAN...	PT_nso4...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:00...	Error		QD_MAN...	PT_32tg...					main	QuartzDeskExecutor_...	794



QuartzDesk Enterprise Edition v2.1.3
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JOB_CONTRO...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_ERREUR...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_IMPORT...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_LENT	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_MESSAGE	PLANNING		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_NOTIFIC...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐

Execution History

Max Date: 2016-04-07

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Started At	Finished At	Duration	Sta...	Job Data Map	Trigger...	Trigger...	Result	Error	User Data	Log	Thread...	Thread Name	JV...
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2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_795t...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:02...	Error		QD_MAN...	PT_163o...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_1ny9...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_10un...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_7km...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:05...	Suc...		QD_MAN...	PT_nso4...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:00...	Error		QD_MAN...	PT_32tg...					main	QuartzDeskExecutor...	794

La zone "maître" (jobs, triggers, notifications...)



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English

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Filter: Full-Text Query...

Name	Group	Health	Class	Job Data Map	Durable	Recoverable	Volatile	Concurrent	Persists Job Data
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JOB_CONTRO...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_ERREUR	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_IMPORT...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_LENT	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_MESSAGE	PLANNING		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_NOTIFIC...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐

Execution History

Triggers

Statistics

Execution Notification Rules

Job Chains

Max Date: 2016-04-07

Max Records: 10

Filter: Full-Text Query...

Started At	Finished At	Duration	Sta...	Job Data Map	Trigger...	Trigger...	Result	Error	User Data	Log	Thread...	Thread Name	JV...
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_2qvo...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_795t...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:02...	Error		QD_MAN...	PT_163o...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_1ny9...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_10un...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_7km...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:05...	Suc...		QD_MAN...	PT_nso4...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:00...	Error		QD_MAN...	PT_32tg...					main	QuartzDeskExecutor_...	794

La zone "Détails" avec les historiques & les traces relatifs à l'onglet en cours dans la zone supérieure

Classement par groupe de traitement



The screenshot shows the QuartzDesk Enterprise Edition v2.1.3 interface. The 'Jobs' tab is active, displaying a list of jobs. The 'Job Group' dropdown is highlighted with a red box, and the 'ENTREPOT' group is selected. The 'Job Group' dropdown is also highlighted with a red box in the inset view.

Name	Group	Health	Class	Job Data Map	Durable	Recoverable	Volatile	Concurrent	Persists Job Data
JOB_CHARGE...	ENTREPOT		com.linaveo.quartzdesk.executor...						
JOB_CONTRÔ...	ENTREPOT		com.quartzdesk.executor.core.jo...						
JOB_ERREUR...	ENTREPOT		com.quartzdesk.executor.core.jo...						
JOB_IMPORT...	ENTREPOT		com.quartzdesk.executor.core.jo...						
JOB_LENT	ENTREPOT		com.quartzdesk.executor.core.jo...						
JOB_MESSAGE	PLANNING		com.quartzdesk.executor.core.jo...						
JOB_NOTIFIC...	ENTREPOT		com.quartzdesk.executor.core.jo...						

Name	Group	Health	Class
JOB_CHARGEMENT	ENTREPOT		com.linaveo.quart...
JOB_CONTROLE	ENTREPOT		com.quartzdesk.e...
JOB_ERREUR	ENTREPOT		com.quartzdesk.e...
JOB_IMPORT_BILANS	ENTREPOT		com.quartzdesk.e...
JOB_LENT	ENTREPOT		com.quartzdesk.e...

Nous pouvons facilement retrouver un "job" en limitant l'affichage à un groupe particulier



The screenshot shows the QuartzDesk Enterprise Edition v2.1.3 interface. The top navigation bar includes tabs for Jobs, Currently Executing Jobs, Triggers, Scheduler Info, Scheduler Execution History, Scheduler Statistics, Scheduler Execution Notifications, Rules, and Scheduler Job Chains. The 'Jobs' tab is active, displaying a table of jobs. A search bar at the top of the jobs table is highlighted with a red box, and the filter 'centrale' is entered. The search results show a job named 'JOB_IMPORT_BILANS' in the 'ENTREPOT' group, with a description 'Importations des bilans dans la base centrale'. The description is highlighted with a yellow box. The monitoring URL is also visible.

Name	Group	Health	Class	Job Data Map	Durable	Recoverable	Isolate	Concurrent	Persists Job Data
JOB_CHARGE...	ENTREPOT		com.linaveo.quartzdesk.executor...						
JOB_CONTRO...	ENTREPOT		com.quartzdesk.executor.core.jo...						
JOB_ERREUR...	ENTREPOT		com.quartzdesk.executor.core.jo...						
JOB_IMPORT...	ENTREPOT		com.quartzdesk.executor.core.jo...						
JOB_LENT...	ENTREPOT		com.quartzdesk.executor.core.jo...						
JOB_MESSAGE...	PLANNING		com.quartzdesk.executor.core.jo...						
JOB_NOTIFIC...	ENTREPOT		com.quartzdesk.executor.core.jo...						

Started At	Finished At	Duration	Sta...	Job Data Map	Trigger	Trigger...	Result	Error	User Data	Log	Thread...	Thread Name	JV...
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_2qvo...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_795t...					main	QuartzDeskExecutor...	794

Name	Group	Health	Class
JOB_IMPORT_BILANS	ENTREPOT		com.quartzdesk.executor.core.job.LocalCommandExecutorJob

Description: Importations des bilans dans la base centrale
Monitoring URL: http://pdi-server:8080/quartzdesk/monitor/quartz/job/1/ENTREPOT/JOB_IMPORT_BILANS

Il est possible de filtrer la liste des "job" par un mot clef. La recherche "plein texte" s'applique au nom, mais aussi à la description du "job".

Création d'un nouveau "job"



The screenshot shows the QuartzDesk Enterprise Edition v2.1.3 interface. The top navigation bar includes tabs for 'Jobs', 'Currently Executing Jobs', 'Triggers', and 'Scheduler Info'. The 'Jobs' tab is active, displaying a table of jobs. A red box highlights the 'Jobs' tab and the 'Add' (+) button in the toolbar. A red arrow points from the 'Add' button to the 'Jobs' tab. Another red box highlights the 'Health' column in the job list, with a red arrow pointing to it. Below the main interface, a detailed view of the 'Jobs' tab is shown, highlighting the 'Add' (+) button and the 'Health' column. The 'Add' button is a yellow square with a black plus sign. The 'Health' column shows a red square icon for the first job and green square icons for the second job.

Name	Group	Health	Class	Job Data Map	Durable	Recoverable	Volatile	Concurrent	Persists Job Data
JOB_CHARGE...	ENTREPOT		com.linaveo.quartzdesk.executor...		☒	☐	☐	☐	☐
JOB_CONTRO...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_ERREUR...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_IMPORT...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_LENT	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_MESSAGE	PLANNING		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_NOTIFIC...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐

Started At	Finished At	Duration	Sta...	Job Data Map	Trigger...	Trigger...	Result	Error	User Data	Log	Thread...	Thread Name	JV...
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...								
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...								
2016-04-07 14:1...	2016-04-07 14:1...	00:00:02...	Error		QD_MAN...								
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...								
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...								
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...								
2016-04-07 14:1...	2016-04-07 14:1...	00:00:05...	Suc...		QD_MAN...								
2016-04-07 14:1...	2016-04-07 14:1...	00:00:00...	Error		QD_MAN...								

Nous pouvons créer un nouveau "job" vierge ou dupliquer un "job" existant pour le compléter



Description du job Quartz
à planifier



The dialog box is titled "Clone Job". It contains the following fields:

- Job Name:
- Job Group:
- Job Class:
- Durable: ☒
- Recoverable: ☐
- Description:

Below these fields is a section titled "Job Data Map" with a table:

Name	Value
command	/opt/pdi/kitchen.sh
commandArgs	-job:JOB_CONTROLE -rep:PDI_REP -user:a...

At the bottom right are "Cancel" and "Clone" buttons.



La partie "Job Data Map"
permet de définir les
paramètres à passer à la classe
Java qui s'exécute.

Ici nous passons les
informations nécessaires à l'
exécution de KETTLE

Clone Job

Job Name:

Job Group:

Job Class:

Durable: ☒

Recoverable: ☐

Description:

Job Data Map

Name	Value
command	/opt/pdi/kitchen.sh
commandArgs	-job:JOB_CONTROLE -rep:PDI_REP -user:a...

Cancel Clone



Job Data Map	
+ -	
Name ▲	Value
command	/opt/pdi/kitchen.sh
commandArgs	-job:JOB_CONTROLE -rep:PDI_REP -user:admin -pass:admin

Le paramètre “**command**” reçoit la commande système à exécuter

Le paramètre “**commandArgs**” reçoit les arguments de la commande système à exécuter



Job Data Map	
 	
Name ▲	Value
command	/opt/pdi/kitchen.sh
commandArgs	-job:JOB_CONTROLE -rep:PDI_REP -user:admin -pass:admin



```
$ /opt/pdi/kitchen.sh -job:JOB_CONTROLE -rep:PDI_REP -user:admin -pass:admin
```



Clone Job

Job Name:

Job Group:

Job Class:

Durable: ☒

Recoverable: ☐

Description:

Job Data Map

Name	Value
command	/opt/pdi_job.sh
commandArgs	JOB_IMPORT_BILANS

Cancel Clone

Ici nous avons créé un script qui simplifie l'appel et le passage des arguments => uniquement le nom du traitement KETTLE

Comment lancer un traitement immédiat



QuartzDesk Enterprise Edition v2.1.3

Jobs Under Control

English

QuartzDesk Enterprise Edition v2.1.3

Licensed to:

Jobs

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Triggers

Scheduler Info

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JOB_CONTRO...	ENTREPOT		com.quartzdesk.executor.core.jo...						
JOB_ERREUR	ENTREPOT		com.quartzdesk.executor.core.jo...						
JOB_IMPORT...	ENTREPOT		com.quartzdesk.executor.core.jo...						
JOB_LENT	ENTREPOT		com.quartzdesk.executor.core.jo...						
JOB_MESSAGE	PLANNING		com.quartzdesk.executor.core.jo...						
JOB_NOTIFIC...	ENTREPOT		com.quartzdesk.executor.core.jo...						

Execution History

Triggers

Statistics

Execution Notification Rules

Job Chains

Max Dates: 2016-04-07

Max Records: 10

Filter: Full-Text Query...

Started At	Finished At	Duration	Sta...	Job Data Map	Trigger...	Trigge
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN... PT_2q	
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN... PT_795	
2016-04-07 14:1...	2016-04-07 14:1...	00:00:02...	Error		QD_MAN... PT_163	
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN... PT_1ny	
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN... PT_10...	
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN... PT_7kr	
2016-04-07 14:1...	2016-04-07 14:1...	00:00:05...	Suc...		QD_MAN... PT_nsc	
2016-04-07 14:1...	2016-04-07 14:1...	00:00:00...	Error		QD_MAN... PT_32...	

Name	Group	Health
JOB_CHARGEMENT	ENTREPOT	
JOB_CONTROL	ENTREPOT	
JOB_ERREUR	ENTREPOT	
JOB_IMPORT_BILANS	ENTREPOT	
JOB_LENT	ENTREPOT	
JOB_MESSAGE	PLANNING	
JOB_NOTIFICATION	ENTREPOT	

Trigger...

Delete

Edit...

Clone...

Nul besoin de planifier un “job” pour lancer une exécution immédiate, par exemple pour faire un essai et s’assurer que les paramètres sont corrects. Il suffit de cliquer bouton droit et sélectionner “Trigger...”

Les traces "log" d'une exécution



Sélection d'un job spécifique

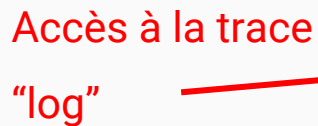
Historique des
exécutions pour
ce job
uniquement

Accès à la trace
"log"

The screenshot displays the QuartzDesk Enterprise Edition v2.1.3 interface. The top navigation bar includes tabs for Jobs, Currently Executing Jobs, Triggers, Scheduler Info, Scheduler Execution History, Scheduler Statistics, Scheduler Execution Notification Rules, and Scheduler Job Chains. The main table lists various jobs with columns for Name, Group, Health, Class, Job Data Map, Durable, Recoverable, Volatile, Concurrent, and Persists Job Data. The 'JOB_CONTROLE' job is highlighted with a red box. Below this, the 'Execution History' tab is selected, showing a table of execution records with columns for Started At, Finished At, Duration, Status, Job Data Map, Triggers, Result, Error, User Data, Log, Thread, Thread Name, and JV. A red box highlights the 'Log' column, and a red arrow points to it from the text 'Accès à la trace "log"'. The 'Log' column contains document icons representing log files for each execution record.

Name	Group	Health	Class	Job Data Map	Durable	Recoverable	Volatile	Concurrent	Persists Job Data
JOB_CHARGEMENT	ENTREP...	...	com.linaven.quartzde...	...	✓	...	...	...	...
JOB_CONTROLE	ENTREP...	...	com.quartzdesk.exec...	...	✓	...	...	...	...
JOB_ERREUR	ENTREP...	...	com.quartzdesk.exec...	...	✓	...	...	...	...
JOB_IMPORT_BIL...	ENTREP...	...	com.quartzdesk.exec...	...	✓	...	...	...	...
JOB_LENT	ENTREP...	...	com.quartzdesk.exec...	...	✓	...	...	...	...
JOB_MESSAGE	PLANNIN...	...	com.quartzdesk.exec...	...	✓	...	...	...	...
JOB_NOTIFICATI...	ENTREP...	...	com.quartzdesk.exec...	...	✓	...	...	...	...

Started At	Finished At	Durat...	Sta...	Job Data Map	Trigg...	Trigg...	Result	Error	User Data	Log	Threa...	Thread Name	JV...
2016-04-18 13:...	2016-04-18 13:...	00:00:...	Error	...	ENTRE...	TRG_C...	...	...	...	...	main	QuartzDeskExecuto...	285...
2016-04-18 12:...	2016-04-18 12:...	00:00:...	Error	...	ENTRE...	TRG_C...	...	...	...	...	main	QuartzDeskExecuto...	285...
2016-04-07 15:...	2016-04-07 15:...	00:00:...	Error	...	QD_MA...	PT_32c...	...	...	...	...	main	QuartzDeskExecuto...	285...
2016-04-07 15:...	2016-04-07 15:...	00:00:...	Error	...	QD_MA...	PT_kc7...	...	...	...	...	main	QuartzDeskExecuto...	285...
2016-04-07 15:...	2016-04-07 15:...	00:00:...	Suc...	...	ENTRE...	TRG_C...	...	...	...	...	main	QuartzDeskExecuto...	285...
2016-04-07 15:...	2016-04-07 15:...	00:00:...	Suc...	...	QD_MA...	PT_3ob...	...	...	...	...	main	QuartzDeskExecuto...	285...
2016-04-07 15:...	2016-04-07 15:...	00:00:...	Suc...	...	QD_MA...	PT_1m...	...	...	...	...	main	QuartzDeskExecuto...	285...
2016-04-07 14:...	2016-04-07 14:...	00:00:...	Suc...	...	QD_MA...	PT_1ha...	...	...	...	...	main	QuartzDeskExecuto...	794
2016-04-07 14:...	2016-04-07 14:...	00:00:...	Error	...	QD_MA...	PT_5ed...	...	...	...	...	main	QuartzDeskExecuto...	794
2016-04-07 14:...	2016-04-07 14:...	00:00:...	Suc...	...	QD_MA...	PT_1c0...	...	...	...	...	main	QuartzDeskExecuto...	794





Recherche dans l'historique des exécutions à l'aide du filtre "plein texte"

Execution History

Max Date: 2016-04-18 Max Records: 10 Filter: BILANS

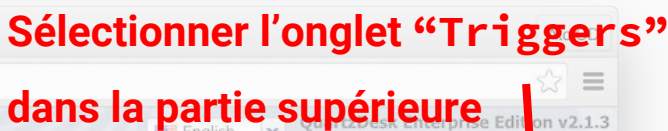
Started At	Finished At	Durat...	Sta...	Job Data Map	Trigg...	Trigg...	Result	Error	User Data	Log	Threa...	Thread Name	JV...
2016-04-18 13:...	2016-04-18 13:...	00:00:...	Error		ENTRE...	TRG_C...					main	QuartzDeskExecuto...	285...
2016-04-18 12:...	2016-04-18 12:...	00:00:...	Error		ENTRE...	TRG_C...					main	QuartzDeskExecuto...	285...
2016-04-07 15:...	2016-04-07 15:...	00:00:...	Error		QD_MA...	PT_32c...					main	QuartzDeskExecuto...	285...

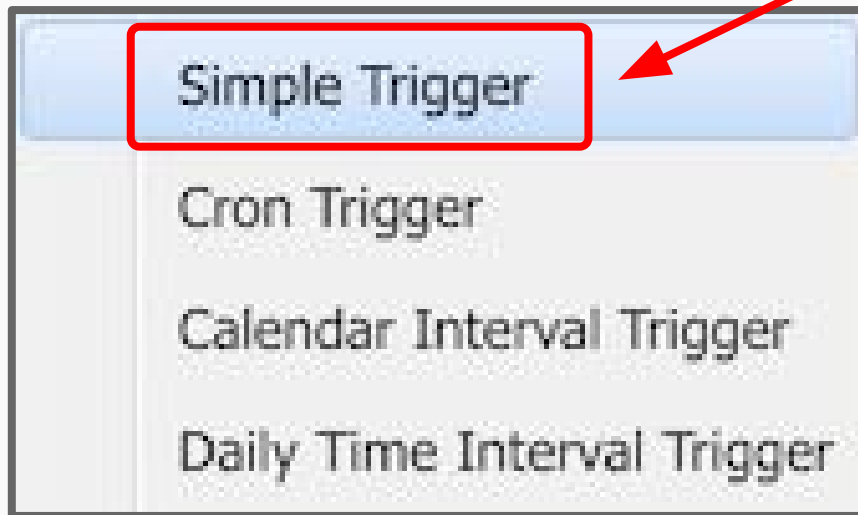
Log

```
[2016-04-18 13:00:00,007] I [QuartzDeskExecutor_Worker-1] [com.quartzdesk.executor.core.job.AbstractJob:64]
[2016-04-18 13:00:00,008] D [QuartzDeskExecutor_Worker-1] [com.quartzdesk.executor.core.job.AbstractJob:85]
commandArgs=-job:JOB_CONTROLE -rep:PDI_REP -user:admin -pass:admin
command=/opt/pdi/kitchen.sh
[2016-04-18 13:00:00,008] D [QuartzDeskExecutor_Worker-1] [com.quartzdesk.executor.core.job.LocalCommandExe
[2016-04-18 13:00:00,008] I [QuartzDeskExecutor_Worker-1] [com.quartzdesk.executor.core.job.LocalCommandExe
[2016-04-18 13:00:05,106] D [QuartzDeskExecutor_Worker-1] [com.quartzdesk.executor.core.job.LocalCommandExe
[2016-04-18 13:00:05,106] I [QuartzDeskExecutor_Worker-1] [com.quartzdesk.executor.core.job.LocalCommandExe
2016/04/18 13:00:01 - Kitchen - Démarrage.
2016/04/18 13:00:01 - RepositoriesMeta - Lecture du fichier XML : /home/pdi/.kettle/repositories.xml
2016/04/18 13:00:02 - JOB_CONTROLE - Démarrage tâche
2016/04/18 13:00:02 - JOB_CONTROLE - Démarrage exécution entrée [Ecriture dans trace]
2016/04/18 13:00:02 - Exemple de trace - Exemple de trace au sein d'un job PDI
2016/04/18 13:00:02 - JOB_CONTROLE - Démarrage exécution entrée [Mise en place Temporisation]
2016/04/18 13:00:05 - JOB_CONTROLE - Démarrage exécution entrée [Trace d'erreur]
2016/04/18 13:00:05 - Erreur d'accès à la base BILANS - Attention la base BILANS n'est pas accessible
2016/04/18 13:00:05 - JOB_CONTROLE - Démarrage exécution entrée [Mise en échec tâche]
2016/04/18 13:00:05 - Mise en échec tâche - ERROR (version 5.4.0.1-130, build 1 from 2015-06-14_12-34-55 by
2016/04/18 13:00:05 - JOB_CONTROLE - Fin exécution entrée tâche [Mise en échec tâche] (résultat=[false])
2016/04/18 13:00:05 - JOB_CONTROLE - Fin exécution entrée tâche [Trace d'erreur] (résultat=[false])
2016/04/18 13:00:05 - JOB_CONTROLE - Fin exécution entrée tâche [Mise en place Temporisation] (résultat=[f
2016/04/18 13:00:05 - JOB_CONTROLE - Fin exécution entrée tâche [Ecriture dans trace] (résultat=[false])
2016/04/18 13:00:05 - JOB_CONTROLE - Fin exécution tâche
2016/04/18 13:00:05 - Kitchen - Fin !
2016/04/18 13:00:05 - Kitchen - ERROR (version 5.4.0.1-130, build 1 from 2015-06-14_12-34-55 by buildguy) :
2016/04/18 13:00:05 - Kitchen - Démarrage=2016/04/18 13:00:01.540, Arrêt=2016/04/18 13:00:05.099
2016/04/18 13:00:05 - Kitchen - Fin traitement après 3 seconde(s).
[2016-04-18 13:00:05,106] E [QuartzDeskExecutor_Worker-1] [com.quartzdesk.executor.core.job.AbstractJob:103]
```

La recherche s'applique également à la trace "log" de l'exécution.

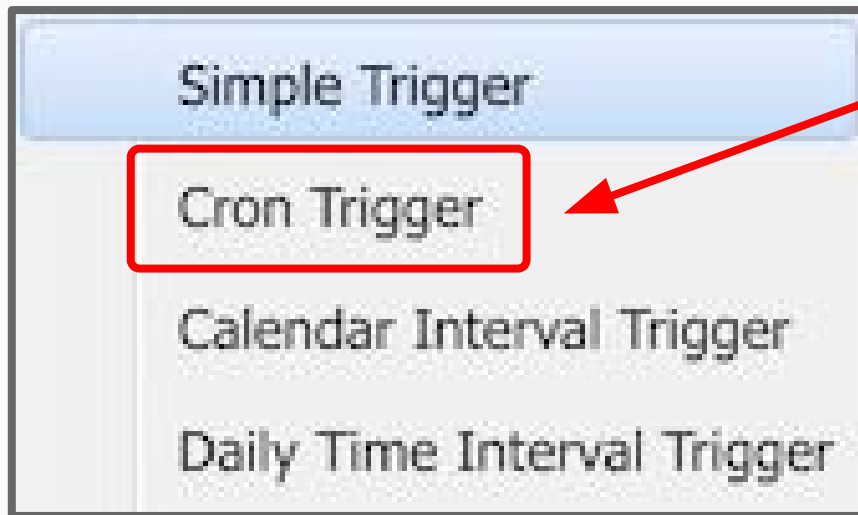
Très efficace pour retrouver une erreur !





Simple Trigger

Le "job" peut s'exécuter une ou plusieurs fois par une simple répétition avec un intervalle de temps en millisecondes entre chaque exécution.



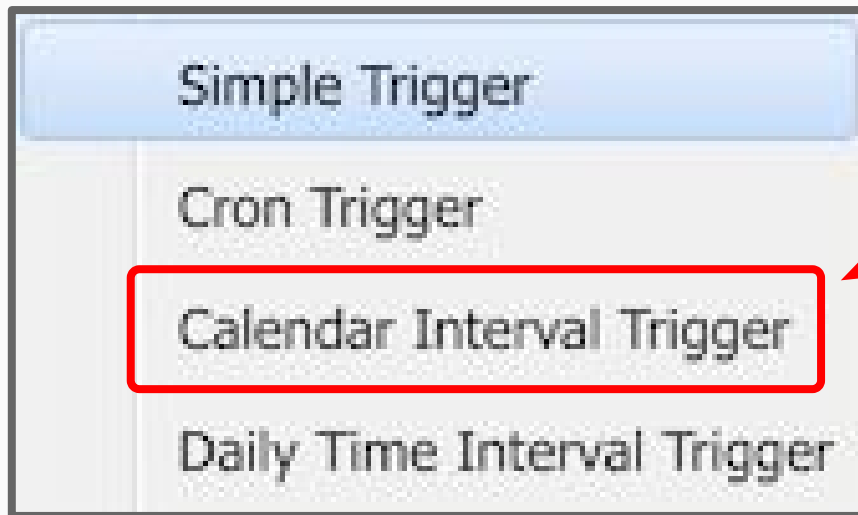
Cron Trigger

L'exécution du "job" est planifiée à l'aide de la syntaxe "Cron"

Utilisation pour les experts administrateurs système.

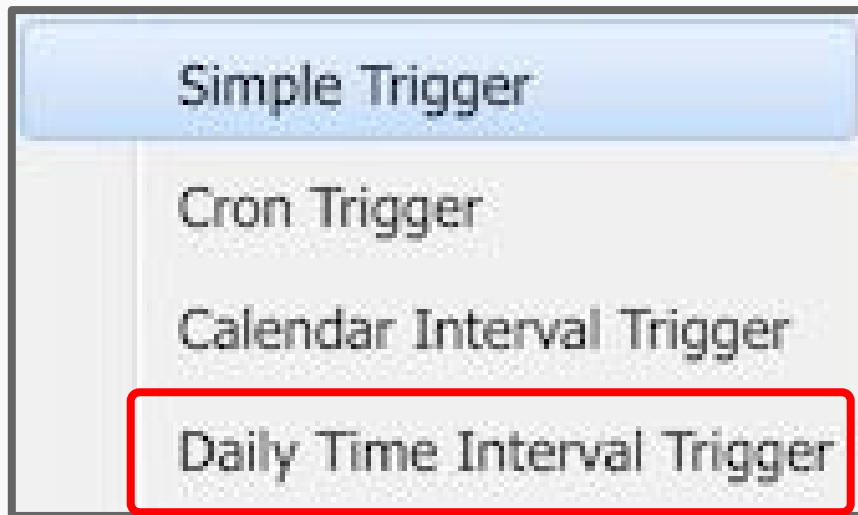
Attention:

Efficace, mais manque de lisibilité ensuite pour les non spécialistes.



Calendar Interval Trigger

Le "job" est exécuté par répétition successive avec un intervalle paramétrable en millisecondes, secondes, minutes, jour, semaine, mois...

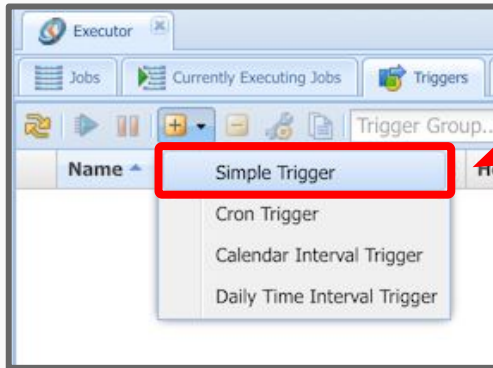


Daily Time Interval Trigger

Le "job" est exécuté par répétition successive avec un intervalle paramétrable en millisecondes, secondes, minutes, jour, semaine, mois...

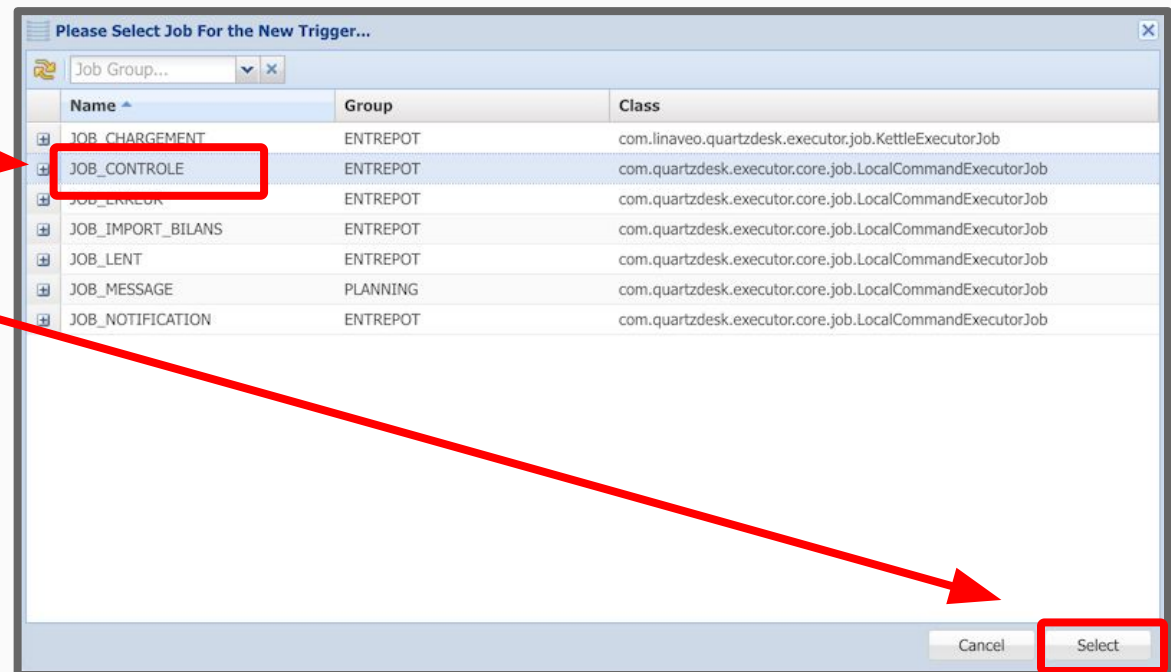
avec en plus une plage horaire et le choix des jours de semaine

Exemple "Simple Trigger"



Exemple avec un "Simple Trigger"

Choix du "job"
à planifier avec
ce nouveau "trigger"



Exemple "Simple Trigger"



Add Trigger

Simple Trigger

Job

Name: JOB_CONTROLE

Group: ENTREPOT

Trigger

Name: TRG_CONTROLE

Group: ENTREPOT

Description:

Trigger description

Start Time: 2016-04-01 08:00:00.000

End Time: End date End time

Priority: 5

Misfire Instruction: Smart Policy

Calendar: Optional Quartz calendar

Properties Job Data Map

Repeat Interval (ms): 60000

Repeat Indefinitely: ☒

Repeat Count: Repeat count

Cancel Add

Chaque "trigger" possède
un nom
un groupe (pour classement)

Exemple "Simple Trigger"



Add Trigger

Simple Trigger

Job

Name:

Group:

Trigger

Name:

Group:

Description:

Start Time:

End Time:

Priority:

Misfire Instruction:

Calendar:

Properties

Repeat Interval (ms):

Repeat Indefinitely: ☒

Repeat Count:

Cancel Add

Nous pouvons choisir la plage de validité (ou d'activité) du "trigger"

Exemple "Simple Trigger"



Add Trigger

Simple Trigger

Job

Name: JOB_CONTROLE

Group: ENTREPOT

Trigger

Name: TRG_CONTROLE

Group: ENTREPOT

Description:

Trigger description

Start Time: 2016-04-01 08:00:00.000

End Time: End date End time

Priority: 5

Misfire Instruction: Smart Policy

Calendar: Optional Quartz calendar

Properties Job Data Map

Repeat Interval (ms): 60000

Repeat Indefinitely: ☒

Repeat Count: Repeat count

Cancel Add

Ici le "job" va être exécuté toutes les **60 secondes** à partir du **1er avril 8h**, sans limite de durée.

Exemple “Daily Time Interval Trigger”



Add Trigger

Daily Time Interval Trigger

Job

Name: JOB_CONTROLE

Group: ENTREPOT

Trigger

Name: TRG_CONTROLE

Group: ENTREPOT

Description: Trigger description

Start Time: 2016-04-01 08:00:00.000

End Time: End date End time

Priority: 5

Misfire Instruction: Smart Policy

Calendar: Optional Quartz calendar

Properties

Repeat Interval Unit: Hour

Repeat Interval: 4

Repeat Indefinitely: ☒

Repeat Count: Repeat count

Start Time of Day: 09:00:00

End Time of Day: 18:00:00

Days of Week

☒ Monday ☒ Wednesday ☒ Friday ☐ Saturday

☒ Tuesday ☒ Thursday ☐ Sunday

Cancel Add

Exemple du “Daily Time Interval Trigger”

La partie supérieure “en-tête” est identique

Exemple "Daily Time Interval Trigger"



Le "job" s'exécute toutes les 4 heures...

Properties Job Data Map

Repeat Interval Unit:

Repeat Interval:

Repeat Indefinitely: ☒

Repeat Count:

Start Time of Day:

End Time of Day:

Days of Week

☒ Monday	☒ Wednesday	☒ Friday	☐ Saturday
☒ Tuesday	☒ Thursday		☐ Sunday

Exemple "Daily Time Interval Trigger"



Le "job" s'exécute toutes les 4 heures...

Properties Job Data Map

Repeat Interval Unit:

Repeat Interval:

Repeat Indefinitely: ☒

Repeat Count:

Start Time of Day:

End Time of Day:

Days of Week

☒ Monday	☒ Wednesday	☒ Friday	☐ Saturday
☒ Tuesday	☒ Thursday		☐ Sunday

... uniquement entre 9h et 18h

Exemple "Daily Time Interval Trigger"



Le "job" s'exécute toutes les 4 heures...

Properties Job Data Map

Repeat Interval Unit:

Repeat Interval:

Repeat Indefinitely: ☒

Repeat Count:

Start Time of Day:

End Time of Day:

Days of Week ☐

☒ Monday	☒ Wednesday	☒ Friday	☐ Saturday
☒ Tuesday	☒ Thursday		☐ Sunday

...et tous les jours sauf le week-end

... uniquement entre 9h et 18h



Répétition infinie (dans la plage de validité du "trigger")

Properties Job Data Map

Repeat Interval Unit: ? Hour

Repeat Interval: ? 4

Repeat Indefinitely: ? ☒

Repeat Count: Repeat count

Start Time of Day: ? 09:00:00

End Time of Day: ? 18:00:00

Repeat Indefinitely: ? ☐

Repeat Count: ? 10

Uniquement 10 exécutions consécutives



QuartzDesk Enterprise Edition v2.1.3
Licensed to: AtoICD

English

Jobs

Currently Executing Jobs

Triggers

Scheduler Info

Scheduler Execution History

Scheduler Statistics

Scheduler Execution Notification Rules

Scheduler Job Chains

Job Group...

Filter: Full-Text Query...

Name	Group	Health	Class	Job Data Map	Durable	Recoverable	Volatile	Concurrent	Persists Job Data
JOB_CHARGE...	ENTREPOT	■	com.linaveo.quartzdesk.executor...		☒	☐	☐	☐	☐
JOB_CONTRO...	ENTREPOT	■ ■	com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_ERREUR	ENTREPOT	■	com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_IMPORT...	ENTREPOT	■	com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_LENT	ENTREPOT	■ ■	com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_MESSAGE	PLANNING	■ ■ ■ ■ ■	com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_NOTIFIC...	ENTREPOT	■ ■	com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐

Execution History

Triggers

Statistics

Execution Notification Rules

Job Chains

Max Date: 2016-04-07

Max Records: 10

Filter: Full-Text Query...

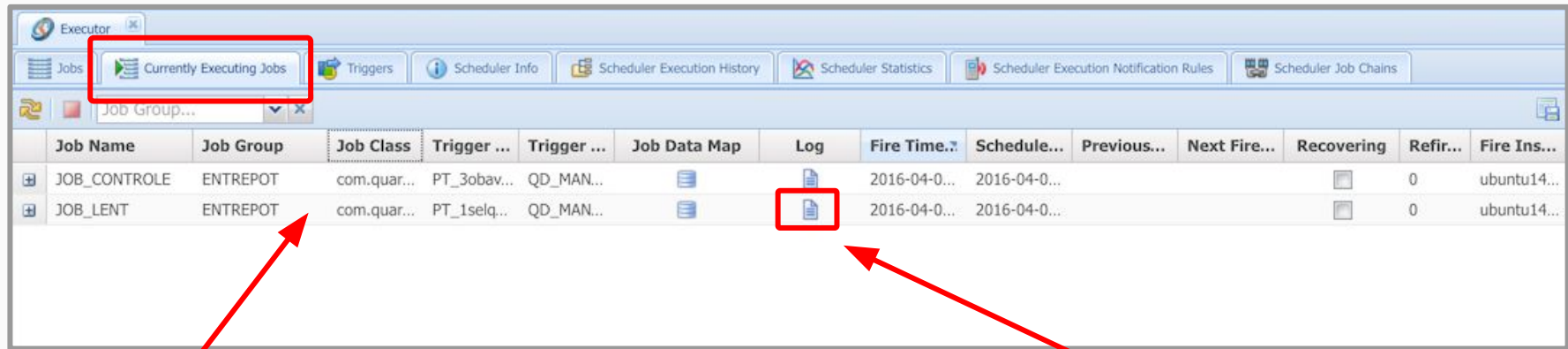
Started At	Finished At	Duration	Sta...	Job Data Map	Trigger...	Trigger...	Result	Error	User Data	Log	Thread...	Thread Name	JV...
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_2qvo...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_795t...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:02...	Error		QD_MAN...	PT_163o...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_1ny9...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_10un...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_7km...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:05...	Suc...		QD_MAN...	PT_nso4...					main	QuartzDeskExecutor_...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:00...	Error		QD_MAN...	PT_32tg...					main	QuartzDeskExecutor_...	794



Zoom sur la barre supérieure d'onglets

Name	Group	Health	Class	Job Data Map	Durable	Recoverable	Volatile	Concurrent	Persists Job Data
JOB_CHARGE...	ENTREPOT		com.linaveo.quartzdesk.executor...		☒	☐	☐	☐	☐
JOB_CONTRO...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_ERREUR	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_IMPORT...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_LENT	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_MESSAGE	PLANNING		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_NOTIFIC...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐

Started At	Finished At	Duration	Sta...	Job Data Map	Trigger...	Trigger...	Result	Error	User Data	Log	Thread...	Thread Name	JV...
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_2qvo...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_795t...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:02...	Error		QD_MAN...	PT_163o...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_1ny9...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_10un...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_7km...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:05...	Suc...		QD_MAN...	PT_nso4...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:00...	Error		QD_MAN...	PT_32tg...					main	QuartzDeskExecutor...	794



Job Name	Job Group	Job Class	Trigger ...	Trigger ...	Job Data Map	Log	Fire Time...	Schedule...	Previous...	Next Fire...	Recovering	Refir...	Fire Ins...
JOB_CONTROLE	ENTREPOT	com.quar...	PT_3obav...	QD_MAN...			2016-04-0...	2016-04-0...			☐	0	ubuntu14...
JOB_LENT	ENTREPOT	com.quar...	PT_1selq...	QD_MAN...			2016-04-0...	2016-04-0...			☐	0	ubuntu14...

L'onglet “**Currently Executing Jobs**”

liste tous les traitements en cours d'exécution (“trigger” actifs ou exécution immédiate)

Il est possible de consulter les logs
par exemple



L'onglet "**Scheduler Info**" donne des informations techniques sur le serveur Quartz et QuartzDesk

La version de Quartz utilisée par exemple

The screenshot shows the QuartzDesk application window with the 'Scheduler Info' tab selected. The tab is highlighted with a red box. A red arrow points from the text 'L'onglet "Scheduler Info" donne des informations techniques sur le serveur Quartz et QuartzDesk' to the 'Scheduler Info' tab. Another red arrow points from the text 'La version de Quartz utilisée par exemple' to the 'Version: 2.2.1' entry in the list of properties. The properties list includes:

- Host: localhost
- Port: 2299
- Service URL: service:jmx:rmi:///jndi/rmi://localhost:2299/jmxrmi
- Status: Started
- Name: QuartzDeskExecutor
- Instance ID: ubuntu
- Object Name: quartz:type=QuartzScheduler,name=QuartzDeskExecutor,instance=ubuntu
- Version: 2.2.1
- Thread Pool Class Name: org.quartz.simpl.SimpleThreadPool
- Thread Pool Size: 10
- Job Store Class Name: org.springframework.scheduling.quartz.LocalDataSourceJobStore
- Monitoring URL: <http://pdi-server:8080/quartzdesk/monitor/quartz/scheduler/1>

Below the properties list, the 'QuartzDesk JVM Agent' section shows:

- Name: QuartzDesk JVM Agent v2.1.3



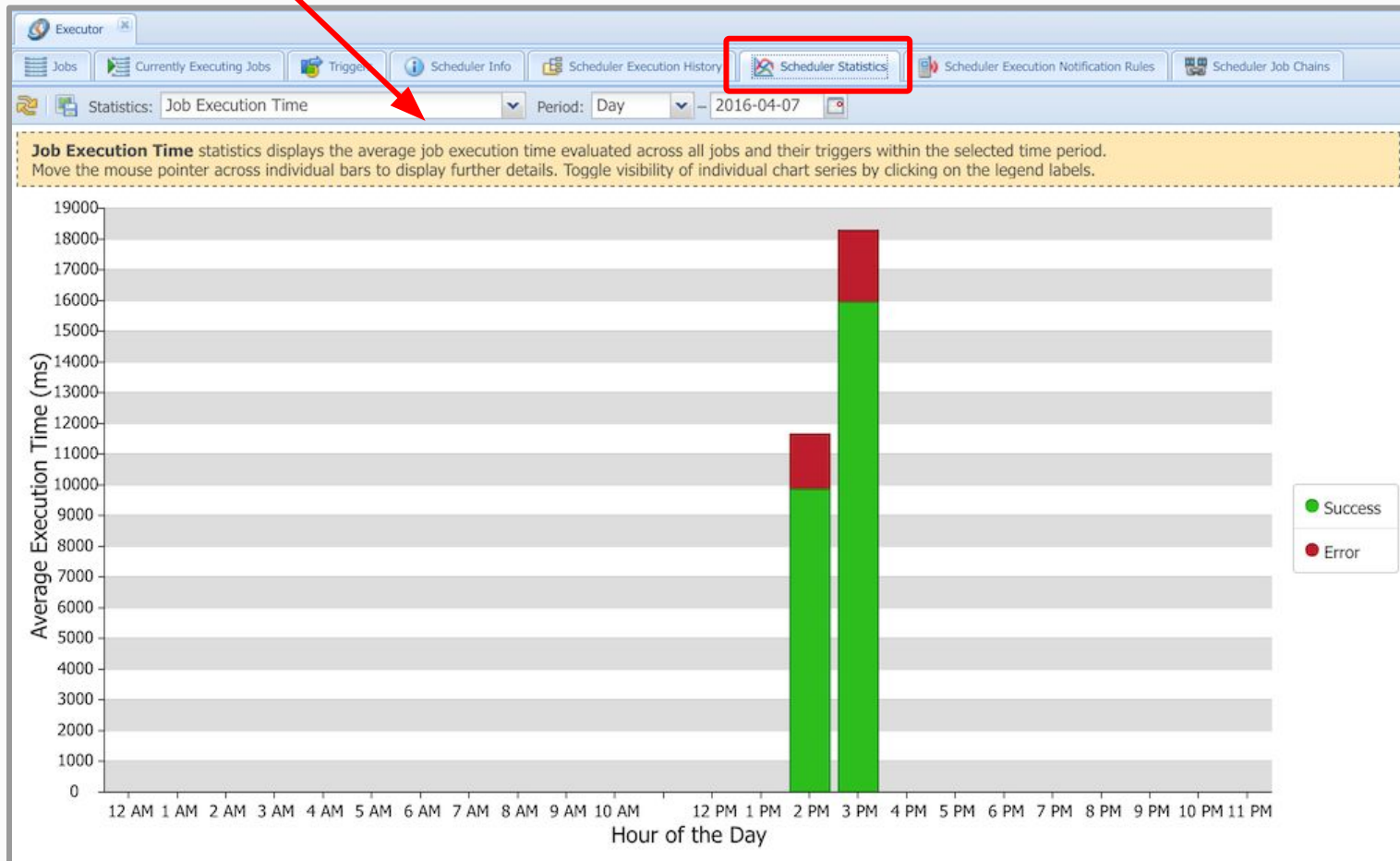
L'onglet “**Scheduler Execution History**”
retrace toutes les exécutions de “job” à partir d'une
date donnée

Started At	Finished ...	Dura...	Status	Job Group	Job Name	Job Data Map	Trigger Gro...	Trig...	Result	Err...	User...	Log	Thr...	Th...	JV...
2016-04-1...	2016-04-1...	00:00:...	Success	ENTREPOT	JOB_LENT		QD_MANUAL	PT_3...					main	Qua...	285...
2016-04-1...	2016-04-1...	00:00:...	Error	ENTREPOT	JOB_CONTROLE		ENTREPOT	TRG...					main	Qua...	285...
2016-04-0...	2016-04-0...	00:00:...	Error	ENTREPOT	JOB_CONTROLE		QD_MANUAL	PT_3...					main	Qua...	285...
2016-04-0...	2016-04-0...	00:00:...	Error	ENTREPOT	JOB_CONTROLE		QD_MANUAL	PT_k...					main	Qua...	285...
2016-04-0...	2016-04-0...	00:00:...	Error	ENTREPOT	JOB_CHARGEM...		ENTREPOT	TRG...					main	Qua...	285...
2016-04-0...	2016-04-0...	00:00:...	Error	ENTREPOT	JOB_CHARGEM...		ENTREPOT	TRG...					main	Qua...	285...
2016-04-0...	2016-04-0...	00:00:...	Error	ENTREPOT	JOB_CHARGEM...		ENTREPOT	TRG...					main	Qua...	285...
2016-04-0...	2016-04-0...	00:00:...	Error	ENTREPOT	JOB_CHARGEM...		ENTREPOT	TRG...					main	Qua...	285...
2016-04-0...	2016-04-0...	00:00:...	Error	ENTREPOT	JOB_CHARGEM...		ENTREPOT	TRG...					main	Qua...	285...
2016-04-0...	2016-04-0...	00:00:...	Error	ENTREPOT	JOB_CHARGEM...		ENTREPOT	TRG...					main	Qua...	285...

La couleur de la ligne permet rapidement d'
identifier les “job” avec erreur

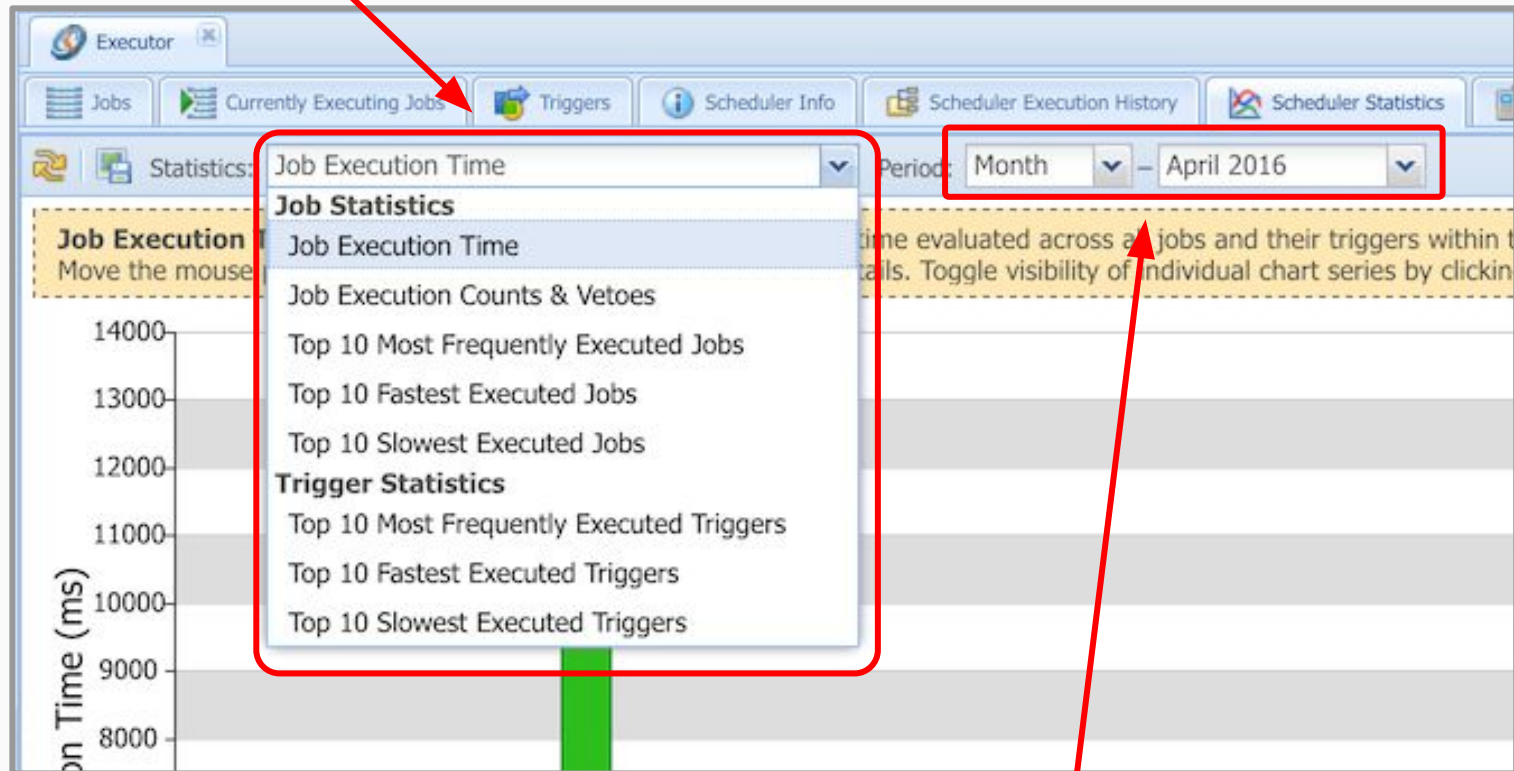


L'onglet “**Scheduler Statistics**” délivre des statistiques d'utilisation de Quartz (temps d'exécution des jobs par statuts...)



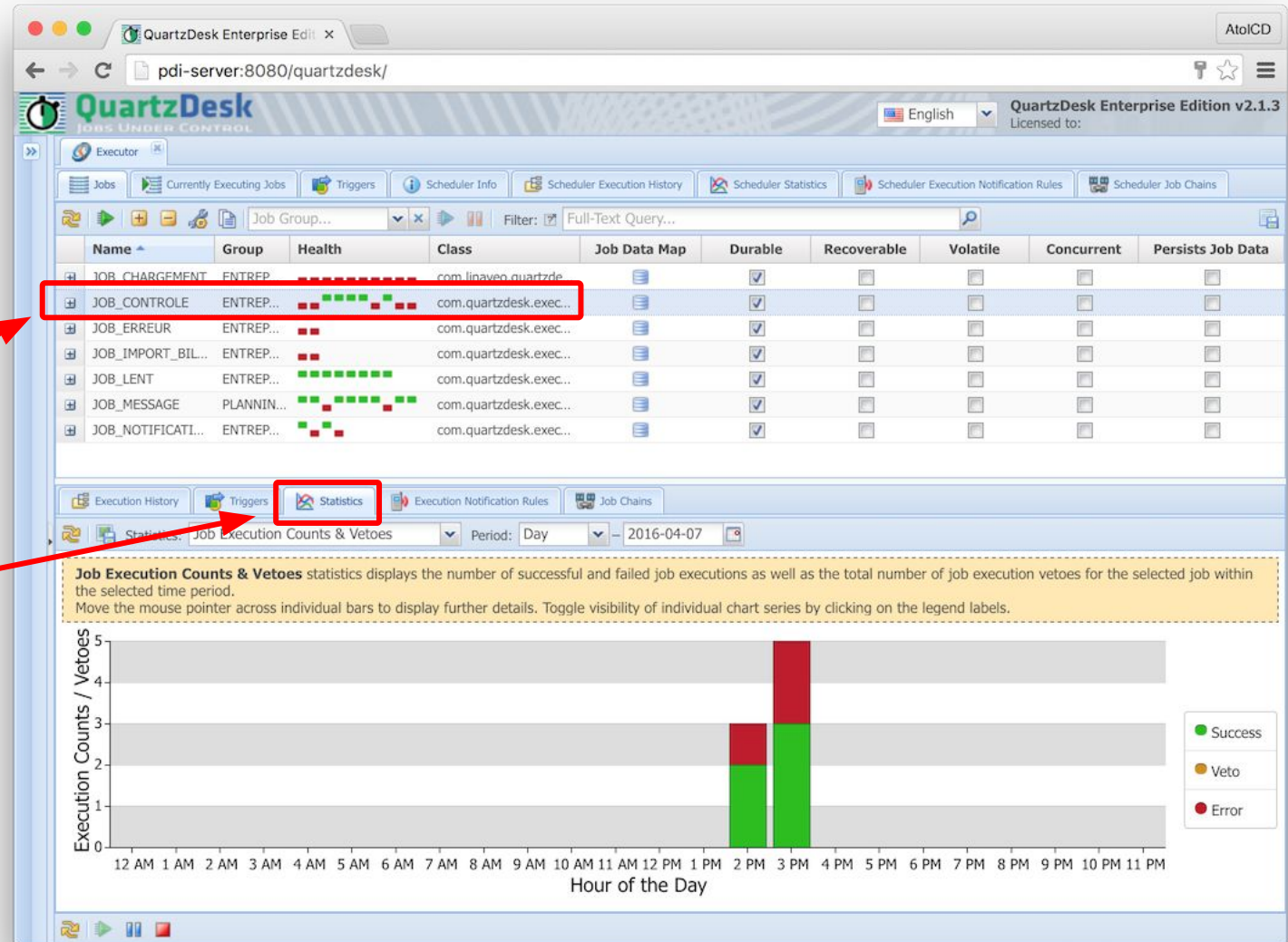


Type de statistiques : temps d'exécution, nombre d'exécutions, Top 10, plus rapide, plus lent...



Période concernée : jour, semaine, mois, trimestre, année

Les statistiques d'exécution d'un "job"



Statistiques d'
exécution d'un
"job" spécifique



Ce système très puissant permet de générer une notification en cas de succès ou échec d'un "job"

The screenshot shows the 'Executor' application window with the 'Scheduler Execution Notification Rules' tab selected. A red box highlights the 'Envoi Email' rule, and a red arrow points to it from the text 'Plusieurs règles sont paramétrables'.

Name	Severity	Enabled	Enabled On We...	Enab...	Enab...	Condition	Message Chan...	Created At	Updated At	Messages
Envoi Email	!	☐	Mon, Tue, Wed, T...	08:00:...	19:00:...	Execution ...	Email	2016-04-06 11:15...	2016-04-07 15:29...	

Description: Envoi d'un email si le job de contrôle est tombé en erreur



Executor

Jobs | Currently Executing Jobs | Triggers | Scheduler Info | Scheduler Execution History | Scheduler Statistics | Scheduler Execution Notification Rules | Scheduler

Filter: [?] Full-Text Query...

Name | Severity | Enabled

Edit Notification Rule

Name: [?] Envoi Email

Description: [?] Envoi d'un email si le job de contrôle est tombé en erreur

Severity: [?] Error

Enabled: [?] ☐

Enabled On Weekdays [?]

☒ Monday	☒ Wednesday	☒ Friday	☐ Saturday
☒ Tuesday	☒ Thursday		☐ Sunday

Enabled From: [?] 08:00:00 Enabled To: [?] 19:00:00

Condition | Message

Condition Type: [?] Execution Status

Execution Status: [?] Error

Cancel Update

Ici, la règle ne s'appliquera que les jours "ouvrés" et entre 8h et 19h uniquement



Executor

Jobs | Currently Executing Jobs | Triggers | Scheduler Info | Scheduler Execution History | Scheduler Statistics | Scheduler Execution Notification Rules | Scheduler

Filter: [?] Full-Text Query...

Name | Severity | Enabled

Edit Notification Rule

Name: [?] Envoi Email

Description: [?] Envoi d'un email si le job de contrôle est tombé en erreur

Severity: [?] Error

Enabled: [?] ☐

Enabled On Weekdays [?]

☒ Monday	☒ Wednesday	☒ Friday	☐ Saturday
☒ Tuesday	☒ Thursday		☐ Sunday

Enabled From: [?] 08:00:00 Enabled To: [?] 19:00:00

Condition | Message

Condition Type: [?] Execution Status

Execution Status: [?] Error

Cancel Update

Notification uniquement en cas d'erreur d'exécution du "job"



Condition Message

Channel profile: ? Email

Recipient(s): ? administrateur@server-interne.fr

Subject: ? Le traitement \${precedingExecHistory.jobName} a échoué à \${precedingExe

Body: ?

Voici la trace du traitement :

\${precedingExecHistory.log}

Attachments ?

☒ Log ☐ Error ☒ Result ☐ User Data

Send Test Message ⚠ No message macros expanded, no attachments in test messages.



Condition Message

Channel profile: ? Email

Recipient(s): ? administrateur@server-interne.fr

Subject: ? Le traitement \${precedingExecHistory.jobName} a échoué à \${precedingExe

Body: ?

Voici la trace du traitement :
\${precedingExecHistory.log}

Attachments ?

☒ Log ☐ Error ☒ Result ☐ User Data

Send Test Message ⚠ No message macros expanded, no attachments in test messages.

Destinataire(s) du message,
sujet du message,
corps du message
peuvent intégrer des
variables contextuelles



Condition Message

Channel profile: ? Email

Recipient(s): ? administrateur@server-interne.fr

Subject: ? Le traitement \${precedingExecHistory.jobName} a échoué à \${precedingExe

Body: ?

Voici la trace du traitement :

\${precedingExecHistory.log}

Attachments ?

☒ Log ☐ Error

Send Test Message No message macros exp

Accès aux variables
contextuelles

Double-click to insert macro at current cursor position

Name	Always Available	Description
execHistory	Yes	Macros exposing the current job's execution data.
id	Yes	Execution history record ID.
startedAt	Yes	Timestamp when the job execution started.
finishedAt	Yes	Timestamp when the job execution finished.
duration	Yes	Job execution duration in milliseconds.
execStatus	Yes	Job execution status as a string ('SUCCESS', 'VETO', 'ERROR').
schedulerObjectName...	Yes	Scheduler object name.
schedulerVersion	Yes	Scheduler version.
schedulerName	Yes	Scheduler name.
schedulerInstanceId	Yes	Scheduler instance ID.
jobClassName	Yes	Fully qualified job class name.
jobClassLocation	Yes	Job class location info.
jobGroupName	Yes	Group name of the executed job.
jobName	Yes	Name of the executed job.
triggerGroupName	Yes	Group name of the executed trigger.
triggerName	Yes	Name of the executed trigger.
calendarName	No	Calendar name.
result	No	Job execution result as a string.
userData	No	Job execution user data as a string.
error	No	Job execution error as a string.
log	No	Job execution log as a string.

Ici le nom du "job" qui a
été exécuté



The screenshot shows a configuration window for a message. At the top, there are two tabs: 'Condition' and 'Message'. The 'Message' tab is selected and highlighted with a red box. Below the tabs, the configuration fields are as follows:

- Channel profile:** A dropdown menu showing 'Email'.
- Recipient(s):** A text field containing 'administrateur@server-interne.fr'.
- Subject:** A text field containing 'Le traitement \${precedingExecHistory.jobName} a échoué à \${precedingExe'.
- Body:** A large text area containing 'Voici la trace du traitement :
\${precedingExecHistory.log}'.
- Attachments:** A section highlighted with a red box, containing four checkboxes: 'Log' (checked), 'Error' (unchecked), 'Result' (checked), and 'User Data' (unchecked).

At the bottom of the window, there is a 'Send Test Message' button and a warning message: 'No message macros expanded, no attachments in test messages.' A red arrow points from the text on the right towards this warning message.

Il est possible d'attacher un ou plusieurs fichiers, comme par exemple la trace "log"



The screenshot shows the 'Executor' application window. The top menu bar includes 'Jobs', 'Currently Executing Jobs', 'Triggers', 'Scheduler Info', 'Scheduler Execution History', 'Scheduler Statistics', 'Scheduler Execution Notification Rules', and 'Scheduler Job Chains'. The 'Scheduler Job Chains' tab is active, displaying a table of job chains. The table has columns: Name, Enabled, Enabled On Weekdays, Enabled From, Enabled Till, Condition, Created At, and Updated At. The first row is highlighted with a red box and labeled 'SI_NOK'. A red arrow points from the 'Job Chains' tab in the top menu to the table. Another red arrow points from the 'SI_NOK' row to a text box.

Name	Enabled	Enabled On Weekdays	Enabled From	Enabled Till	Condition	Created At	Updated At
SI_NOK	☒	Mon, Tue, Wed, Thu, Fri	06:00:00	19:00:00	Execution Status [...]	2016-05-09 10:40:34.589 CE...	2016-05-09 10:40:34.589 CE...

Un "job chain" permet de lancer un ou plusieurs traitements en fonction du résultat d'exécution d'un job.



Edit Job Chain

Name:

Description:

Enabled: ☒

Enabled On Weekdays: ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☐ Saturday ☐ Sunday

Enabled From: Enabled To:

Condition Type:

Execution Status:

Cancel Update

Ici le "job chain" sera lancé si et seulement si l'exécution du traitement (sur lequel il est attaché) retourne une erreur



Edit Job Chain

Name:

Description:

Enabled: ☒

Enabled On Weekdays ☐

☒ Monday ☒ Wednesday ☒ Friday ☐ Saturday
☒ Tuesday ☒ Thursday ☐ Sunday

Enabled From: Enabled To:

Condition **Targets**

Scheduler	Job Name	Job Group	Enabled	Execution Type
Remote [Executor]	JOB_CONTROLE	ENTREPOT	☒	Delayed [30000ms]

Cancel Update

Le ou les traitements à exécuter dans cette "job chain"



Add Target

Scheduler

☐ Local [?](#)

☒ Remote [?](#)

Executor [v](#)

Enabled: [?](#) ☒

Job Group... [v](#) [x](#)

Name	Group	Class
JOB_CHARGEMENT	ENTREPOT	com.linaveo.quartzdesk.executor.job.KettleExecutorJ...
JOB_CONTROLE	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandEx...
JOB_ERREUR	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandEx...
JOB_IMPORT_BILANS	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandEx...
JOB_LENT	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandEx...
JOB_MESSAGE	PLANNING	com.quartzdesk.executor.core.job.LocalCommandEx...
JOB_NOTIFICATION	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandEx...

Execution

Execution Type: [?](#) [v](#)

Delay (ms): [?](#) [v](#)

Delayed

30000

Cancel Add

[x](#)

ns

☐ Saturday

☐ Sunday

[v](#)

Enabled	Execution Type
☒	Delayed [30000ms]

Cancel Update



QuartzDesk Enterprise Edit x Customer Support x AtoICD

← → ↻ <https://www.quartzdesk.com/support/customer-support> ☆ ☰

QuartzDesk
JOBS UNDER CONTROL

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Need help? Just submit a ticket using this link and our staff members will take care of your issue.



VIEW TICKETS

Access and manage your current tickets. In order to view them, you will have to be logged in.



SEARCH TICKETS

Search through your own tickets. In order to perform the search, you will have to be logged in.

MY TICKETS

You have to be logged in in order to access this area.

 [Click here to login](#)

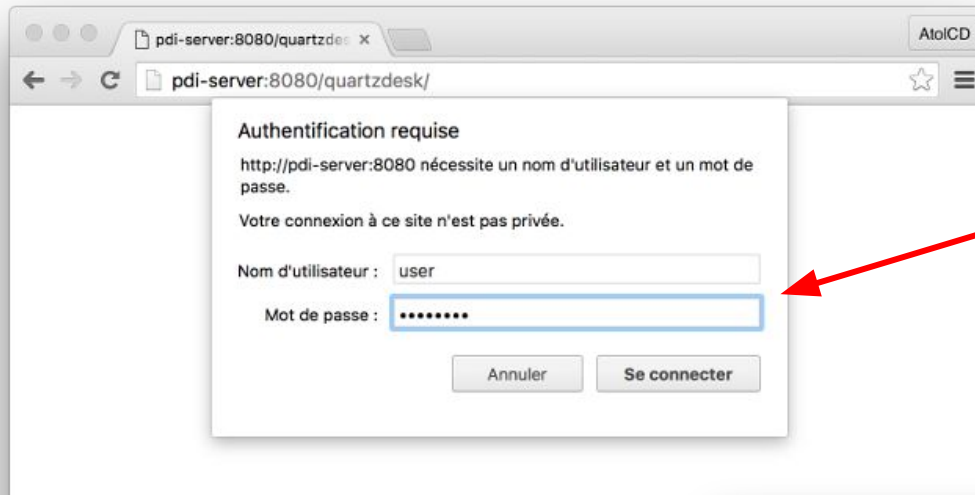
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Hello! Any Questions?
Talk to us right here!



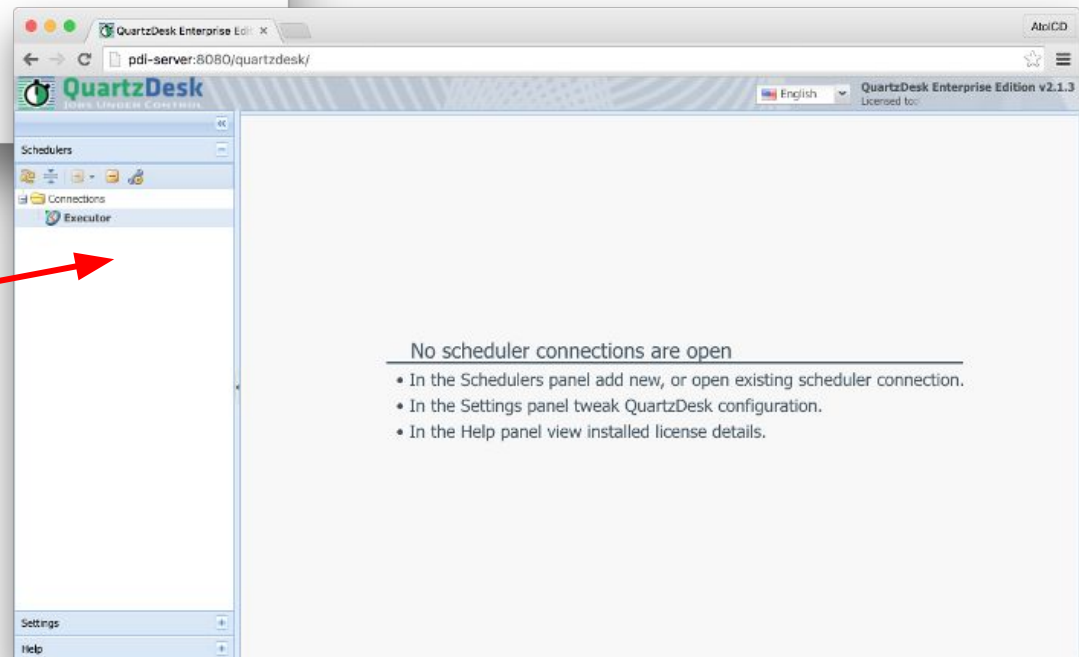
Get Live Help! ↗

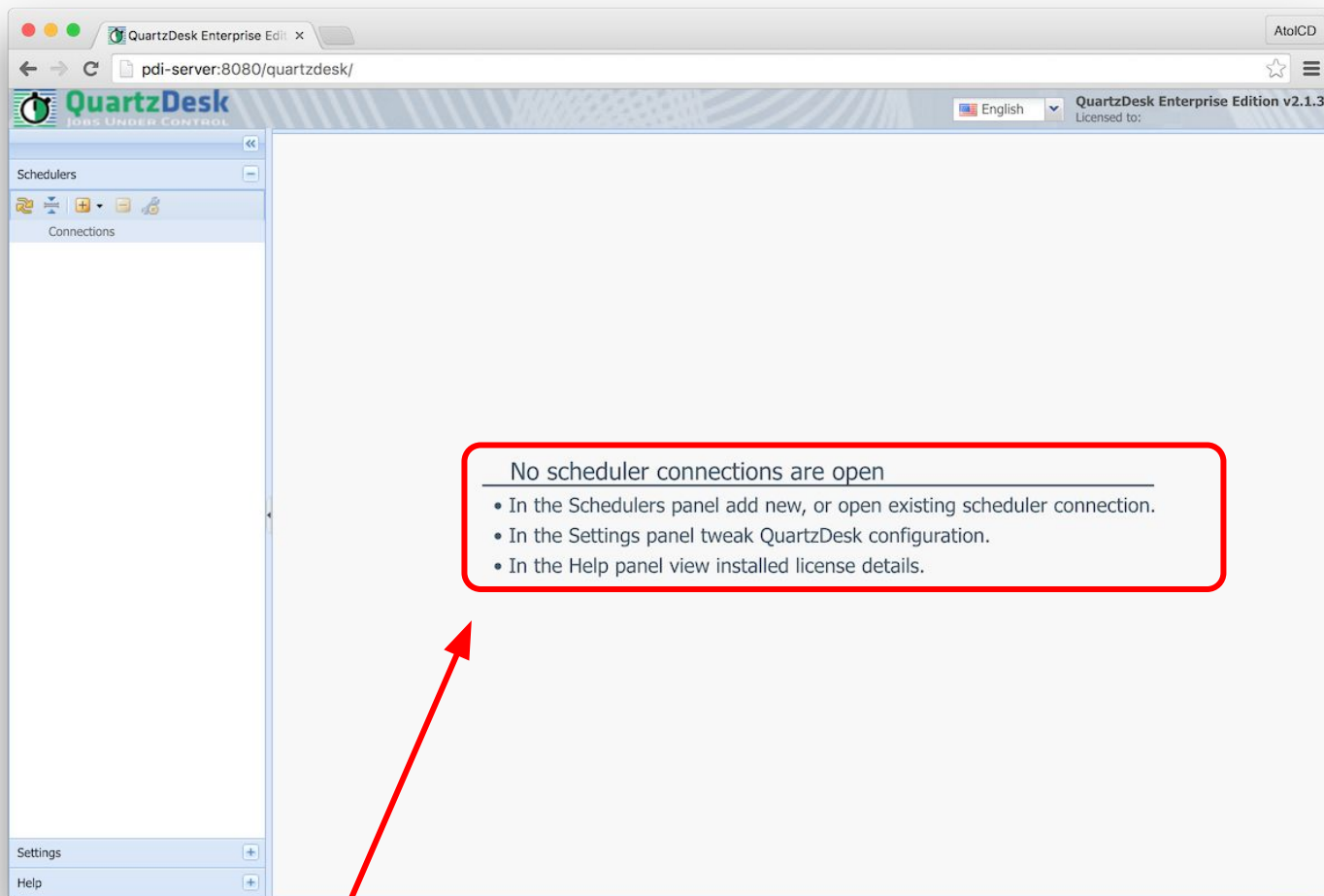


Saisir l'identifiant
et le mot de passe
pour accéder
à la console QuartzDesk

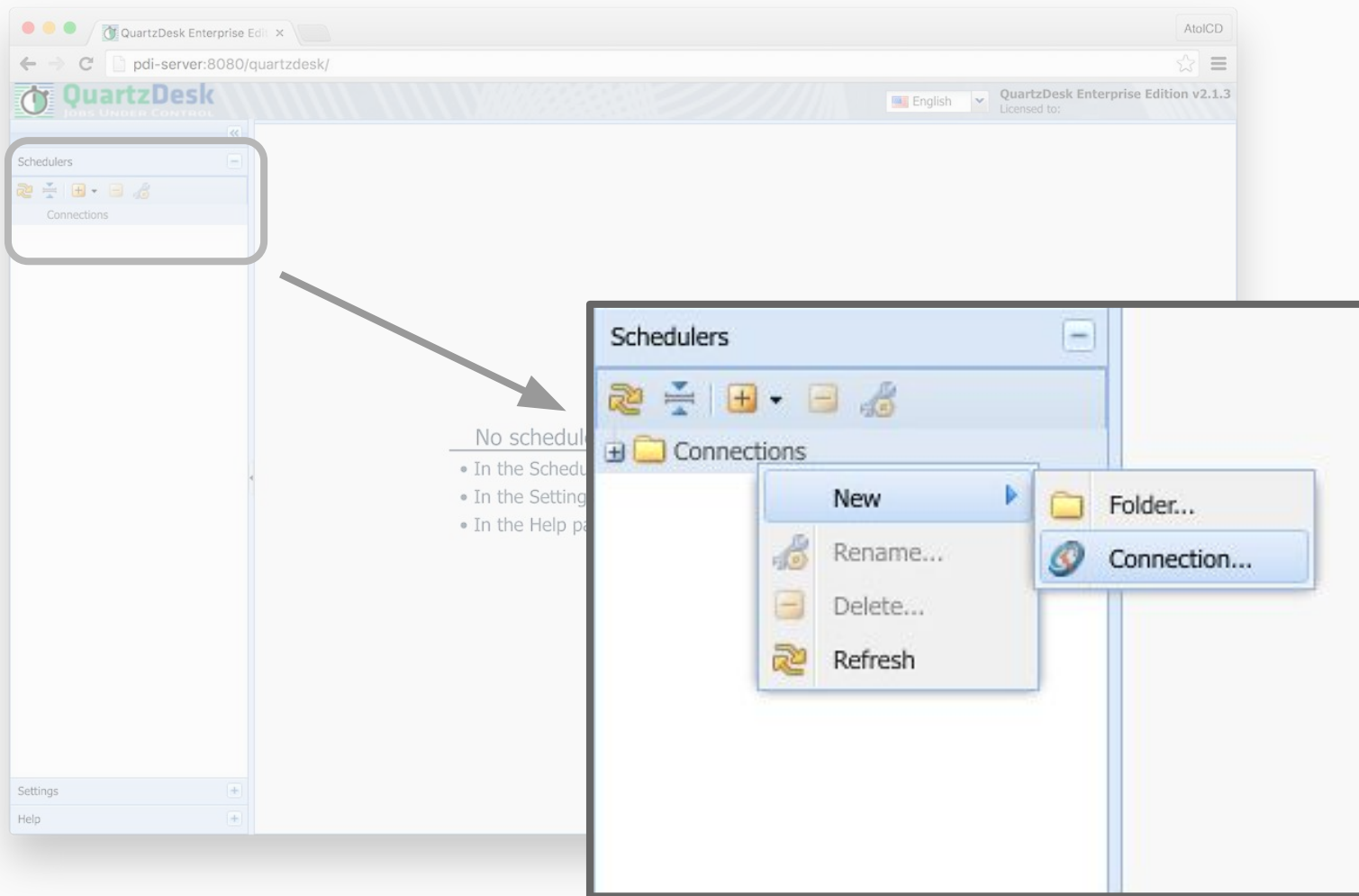
par défaut
utilisateur **“user”**
mot de passe **“password”**

Ecran principal
QuartzDesk





Aucune connexion n'est présente à l'installation de QuartzDesk. Il est nécessaire d'en créer une première pour pouvoir démarrer l'utilisation.



Avec le bouton "+" ou le bouton-droit de la souris sur "Connections", nous créons une nouvelle connexion à un serveur Quartz



Saisir un nom à la connexion.

Ici une installation simple de Quartz en local sur le même serveur, nous choisissons **“Executor”**



Nous utilisons le protocole
“RMI”

Le serveur Quartz est installé
sur la même machine que
QuartzDesk,
donc **“localhost”**

Le port est **“2299”**



Edit Connection

Connection
Maintenance Tasks

Name: [?] Executor

Remote JMX Service

☒ Service Parameters

Protocol: [?] RMI

Host: [?] localhost

Port: [?] 2299

☐ Service URL

URL: [?]

— [v] Authentication [?] —

☐ Secure (SSL)

Scheduler Object Name [?]

quartz:type=QuartzScheduler,name=QuartzDesk,instance=ubuntu

quartz:type=QuartzScheduler,name=QuartzDesk,instance=ubuntu

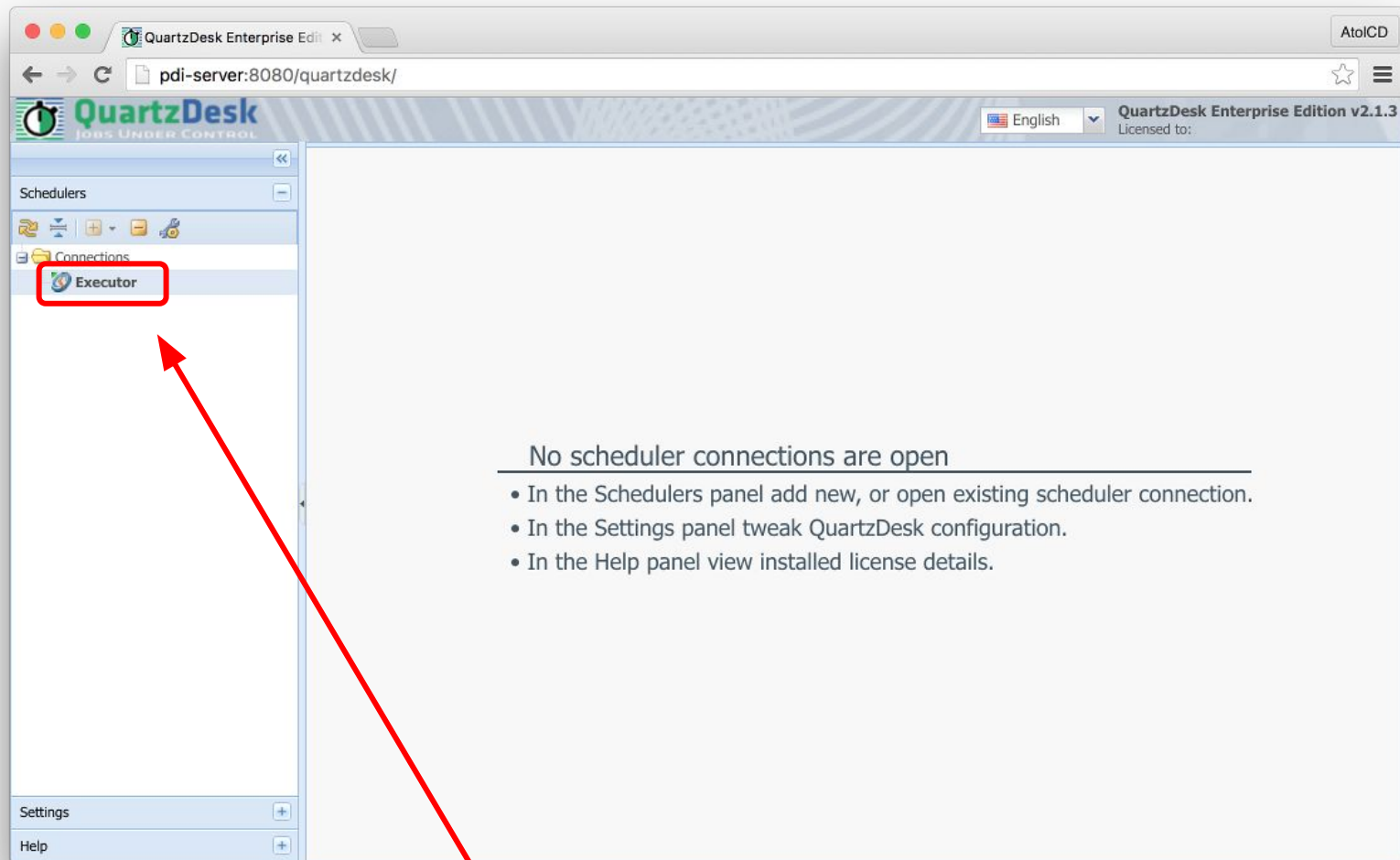
quartz:type=QuartzScheduler,name=QuartzDeskExecutor,instance=ubuntu

Discover

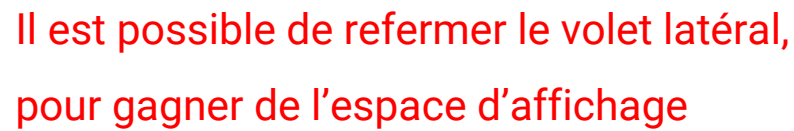
Cancel Update

Cliquer sur **“Discover”**

Sélectionner ensuite la ligne proposée qui contient
“name=QuartzDeskExecutor”



Double-cliquer sur le nom de la connexion pour ouvrir la console QuartzDesk





QuartzDesk Enterprise Edition v2.1.3
Licensed to:

English

Jobs

Currently Executing Jobs

Triggers

Scheduler Info

Scheduler Execution History

Scheduler Statistics

Scheduler Execution Notification Rules

Scheduler Job Chains

Job Group...

Filter: Full-Text Query...

Name	Group	Health	Class	Job Data Map	Durable	Recoverable	Volatile	Concurrent	Persists Job Data
JOB_CHARGE...	ENTREPOT		com.linaveo.quartzdesk.executor...		☒	☐	☐	☐	☐
JOB_CONTRO...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_ERREUR...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_IMPORT...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_LENT	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_MESSAGE	PLANNING		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐
JOB_NOTIFIC...	ENTREPOT		com.quartzdesk.executor.core.jo...		☒	☐	☐	☐	☐

Execution History

Triggers

Statistics

Execution Notification Rules

Job Chains

Max Date: 2016-04-07

Max Records: 10

Filter: Full-Text Query...

Started At	Finished At	Duration	Sta...	Job Data Map	Trigger...	Trigger...	Result	Error	User Data	Log	Thread...	Thread Name	JV...
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_2qvo...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_795t...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:02...	Error		QD_MAN...	PT_163o...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_1ny9...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_10un...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:04...	Suc...		QD_MAN...	PT_7km...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:05...	Suc...		QD_MAN...	PT_nso4...					main	QuartzDeskExecutor...	794
2016-04-07 14:1...	2016-04-07 14:1...	00:00:00...	Error		QD_MAN...	PT_32tg...					main	QuartzDeskExecutor...	794

Pour démarrer, stopper ou mettre en pause l'ordonnanceur Quartz



Pour démarrer, stopper ou mettre en pause l'ordonnanceur Quartz

The screenshot displays the QuartzDesk Enterprise Edition v2.1.3 console interface. The interface is divided into several sections:

- Top Bar:** Includes the QuartzDesk logo, language selection (English), and version information (QuartzDesk Enterprise Edition v2.1.3, Licensed to: AtoICD).
- Left Panel:** Contains a list of jobs with columns for Name, Group, and Health. The jobs listed are JOB_CHARGE..., JOB_CONTRO..., JOB_ERREUR..., JOB_IMPORT..., JOB_LENT..., JOB_MESSAGE, and JOB_NOTIFIC....
- Right Panel:** Displays a detailed view of the 'Executors' section. It includes a table with columns: Name, Group, Health, Class, Job Data Map, Durable, Recoverable, Volatile, Concurrent, and Persists Job Data. The table lists several executors, including JOB_CHA..., JOB_CON..., JOB_ERR..., JOB_IMP..., JOB_LENT..., JOB_MES..., and JOB_NOT....
- Bottom Panel:** Contains a toolbar with icons for Start, Pause, and Stop. The 'Pause' icon is highlighted with a red box.
- Status Bar:** Located at the very bottom, it includes icons for Settings and Help, and a small section with Start, Pause, and Stop icons.

Red arrows indicate the workflow for managing the Quartz scheduler: from the text instruction to the 'Pause' button in the 'Executors' context menu, then to the 'Pause' icon in the bottom toolbar, and finally to the 'Pause' icon in the bottom status bar.



Le bouton "+" permet d'ajouter une ligne

Name ▲	Value

Chaque paramètre est un couple **nom + valeur**



La description n'est pas obligatoire, et bien pratique avec la multiplication des "job" au sein de la console.

Clone Job

Job Name:

Job Group:

Job Class:

Durable: ☒

Recoverable: ☐

Description:

Job Data Map

Name	Value
command	/opt/pdi/kitchen.sh
commandArgs	-job:JOB_CONTROLE -rep:PDI_REP -user:a...

Cancel Clone



La classe Java qui sera sollicitée lors de l'exécution du traitement.

Ici nous utilisons une classe permettant l'exécution d'une commande SYSTEME.

Clone Job

Job Name: [?] JOB_CONTROLE

Job Group: [?] ENTREPOT

Job Class: [?] **com.quartzdesk.executor.core.job.LocalCommandExecutorJob**

Durable: [?] ☒

Recoverable: [?] ☐

Description: [?] Contrôle des bases de données locales pour stockage dans l'entrepôt central

Job Data Map

Name	Value
command	/opt/pdi/kitchen.sh
commandArgs	-job:JOB_CONTROLE -rep:PDI_REP -user:a...

Cancel Clone



`com.quartzdesk.executor.core.job.LocalCommandExecutorJob`



Condition Message

Channel profile: [?] Email

Recipient(s): [?] administrateur@server-interne.fr

Subject: [?] Le traitement \${precedingExecHistory.jobName} a échoué à \${precedingExe

Body: [?] Voici la trace du traitement :
\${precedingExecHistory.log}

Attachments [?] [x] Log [] Error

Send Test Message [] No message macros expanded

Création d'un profil de notification **"Email"**

