

QuartzDesk

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







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 ?



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Quartz

Console web



Pourquoi QuartzDesk ?





Pourquoi QuartzDesk ?



pour plannifier 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 Architecture





Architecture







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



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main

QuartzDeskExecutor_... 794

2 🕨 🖬 🔳

2016-04-07 14:1... 2016-04-07 14:1...

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

QD_MAN... PT_32tg..

8

00:00:00... Error





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



C 🗋 pdi-	server:8080/quartzdesk/					7☆ =	
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Everytor							
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	Monitoring URL: h	ttp://pdi-server:8080/quart	zdesk/monitor/q	uartz/job/1/EN	REPOT/JOB IM	IPORT 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".







Description du job Quartz	Clone Job	×
à planifier	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	
e e	E	
c	Name 🔶	Value
	command	/opt/pdi/kitchen.sh
	commandArgs	-job:JOB_CONTROLE -rep:PDI_REP -user:a
		Cancel Clone

A

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

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

lob Group:	ob Name: 🖻	JOB_CONTROLE	
Job Class: com.quartzdesk.executor.core.job.LocalCommandExecutorJob Durable: ☑ Recoverable: ☑ Oescription: ☑ Contrôle des bases de données locales pour stockage dans l'entrepôt central Job Data Map ● ● ● Name ▲ Value command /opt/pdi/kitchen.sh	lob Group: 🖻	ENTREPOT	
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Name Value command /opt/pdi/kitchen.sh commandArras -iob:108_CONTROLE_rep;PDI_PEP_user;	Job Data Map	l'entrepôt central	
command /opt/pdi/kitchen.sh	Job Data Map	l'entrepôt central	
-iob: 10B_CONTROLE_rep; PDI_PEP_user:	Job Data Map	l'entrepôt central Value	
Jubbob_controlL hepitbl_kEr user.	Job Data Map Job Data Map Name command	l'entrepôt central Value /opt/pdi/kitchen.sh	





Le paramètre "command" reçoit la commande système à exécuter

Le paramètre "commandArgs" reçoit les arguments de la commande système à exécuter







			_
ob Name: 💿	JOB_IMPORT_BILANS		_
ob Group: 🖻	ENTREPOT		
ob Class:	com.quartzdesk.executor.core	.job.LocalCommandExecutorJob	
)urable: 💿	\checkmark		
tecoverable: 🔋	1		
Description: 😰	Importations des bilans dans	la base centrale	
	23 		_
Job Data Map			
Job Data Map			
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Job Data Map Data Map Name * command commandArgs	Val /op JOE	l ue t/pdi_job.sh 3_IMPORT_BILANS	
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Job Data Map	Val /op JOE	l ue t/pdi_job.sh 3_IMPORT_BILANS	
Job Data Map	Val /op JOE	l ue t/pdi_job.sh 3_IMPORT_BILANS	

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



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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..."



Sélection d'un job spécifique

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	2016-04-18 12: 2016	-04-18 12:	00:00: Error		ENTRE	TRG_C	🖗 🧐			main	QuartzDeskExecuto	28
	2016-04-07 15: 2016	-04-07 15:	00:00: Error	8	QD_MA	PT_32c	P W			main	QuartzDeskExecuto.	28
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iog												

Les traces "log" d'une exécution



Log 🖌 🗔 📁 [2016-04-07 14:15:28,591] I [QuartzDeskExecutor Worker-3] [com.guartzdesk.executor.core.job.AbstractJob:64] [2016-04-07 14:15:28,591] D [QuartzDeskExecutor Worker-3] [com.guartzdesk.executor.core.job.AbstractJob:85] commandArgs=JOB MESSAGE command=/opt/pdi job.sh [2016-04-07 14:15:28,591] D [QuartzDeskExecutor Worker-3] [com.quartzdesk.executor.core.job.LocalCommandExe [2016-04-07 14:15:28,591] I [QuartzDeskExecutor Worker-3] [com.quartzdesk.executor.core.job.LocalCommandExe [2016-04-07 14:15:33,104] D [QuartzDeskExecutor Worker-3] [com.guartzdesk.executor.core.job.LocalCommandExe [2016-04-07 14:15:33,104] I [QuartzDeskExecutor Worker-3] [com.guartzdesk.executor.core.job.LocalCommandExe 2016/04/07 14:15:29 - Kitchen - Démarrage. 2016/04/07 14:15:29 - RepositoriesMeta - Lecture du fichier XML : /home/tfalvo/.kettle/repositories.xml Scheduler Job Chains 2016/04/07 14:15:30 - JOB MESSAGE - Démarrage tâche Q 2016/04/07 14:15:30 - JOB MESSAGE - Démarrage exécution entrée [Ecriture dans trace] Concurrent Volatile Persists Job Data 2016/04/07 14:15:30 - Exemple de trace - Exemple de trace au sein d'un job PDI 2016/04/07 14:15:30 - JOB MESSAGE - Démarrage exécution entrée [Mise en place Temporisation] 2016/04/07 14:15:33 - JOB MESSAGE - Démarrage exécution entrée [Succès tâche] 2016/04/07 14:15:33 - JOB MESSAGE - Fin exécution entrée tâche [Succès tâche] (résultat=[true]) 2016/04/07 14:15:33 - JOB MESSAGE - Fin exécution entrée tâche [Mise en place Temporisation] (résultat=[tr 2016/04/07 14:15:33 - JOB MESSAGE - Fin exécution entrée tâche [Ecriture dans trace] (résultat=[true]) 2016/04/07 14:15:33 - JOB MESSAGE - Fin exécution tâche 2016/04/07 14:15:33 - Kitchen - Fin ! 2016/04/07 14:15:33 - Kitchen - Démarrage=2016/04/07 14:15:29.794, Arrêt=2016/04/07 14:15:33.096 2016/04/07 14:15:33 - Kitchen - Fin traitement après 3 seconde(s). [2016-04-07 14:15:33,105] I [QuartzDeskExecutor Worker-3] [com.guartzdesk.executor.core.job.AbstractJob:98] Log Threa.. Thread Name JV... Close 50 5 Accès à la trace OD MA... PT 1ha.. "log" 2 🕨 🔢 🗖



Recherche dans l'historique des exécutions à l'

aide du filtre "plein texte"

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	Execution Histo	rry 👘 Triggers	Statisti	s	Execution Notificati	on roles	Job Chains							
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	2016-04-18 12:	2016-04-18 12:	00:00:	Error	8	ENTRE.	. TRG_C	\$				main	QuartzDeskExecuto	285
	2016-04-07 15:	2016-04-07 15:	00:00:	Error		QD_MA.	PT_32c	\$				main	QuartzDeskExecuto	285
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Simple Trigger

Cron Trigger

Calendar Interval Trigger

Daily Time Interval Trigger

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 plannifiée à l' aide de la syntaxe "Cron" Utilisation pour les experts administrateurs système.

Attention:

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



Simple Trigger

Cron Trigger

Calendar Interval Trigger

Daily Time Interval Trigger

Calendar Interval Trigger

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



Simple Trigger

Cron Trigger

Calendar Interval Trigger

Daily Time Interval Trigger

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 avec un "Simple Trigger"

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

	Please Select Job For the Ne	w Trigger		×
2	Job Group 👻 🗙			
	Name 🔦	Group	Class	
	JOB CHARGEMENT	ENTREPOT	com.linaveo.quartzdesk.executor.job.KettleExecutorJob	
۰	JOB_CONTROLE	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandExecutorJob	
Ð	JOD_LINKLOK	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandExecutorJob	
	JOB_IMPORT_BILANS	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandExecutorJob	
۲	JOB_LENT	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandExecutorJob	
٠	JOB_MESSAGE	PLANNING	com.quartzdesk.executor.core.job.LocalCommandExecutorJob	
	JOB_NOTIFICATION	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandExecutorJob	
			Cancel	ct

Exemple "Simple Trigger"



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imple Trigger 🖻					
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Group: 🛛 ENTREPO	т				
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Trigger description					
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End Time: 🖻	End date	End time	~		
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Exemple "Simple Trigger"



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Trigger de	escription					
Start Time	e: 🖻 2016-04-01	◙ 08:00:00.000 ◄				
End Time:	End date	🖪 End time 💌				
Priority: 17	2 5		* *			
			Local Land			
Misfire Ins	struction: 🛛 Smart Policy		~			
Misfire Ins Calendar:	Smart Policy Image: Structure Image: S	alendar	* * X			
Misfire Ins Calendar:	struction: 2 Smart Policy 2 Optional Quartz of s Job Data Map	alendar	▼ ×			
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Misfire Ins Calendar: Properties Repeat I Repeat I Repeat I	struction: 2 Smart Policy 2 Optional Quartz of s 3 Job Data Map Interval (ms): 2 60000 Indefinitely: 2 2 Count: 2 Repeat cou	alendar.				

Exemple "Simple Trigger"



Add Trigger					×	
Simple Tri	igger 🖻					
– Job –						
Name:	JOB_CONTROLE					
Group:	ENTREPOT					
- Trigger						
Name: 🖻	TRG_CON	RG_CONTROLE				
Group: 🖻	ENTREPOT					
Description:	: [?]					
ingger des	a protection of the second sec					lci le "iob" va être exécuté
Start Time:	?	2016-04-01	08:00:00.000	~		
End Time:	?	End date	End time	~		toutes les 60 secondes à
Priority: 2 Misfire Instruction: 2 Calendar: 2		5 Smart Policy V Optional Quartz calendar V			Ŷ	nartir du 1er avril 8h sans
					partir da rei avrir on, sans	
					→ ×	limite de durée.
Properties	Job Da	ata Map				
Repeat In	nterval (ms)	: 🖻 60000			-	
Repeat In	definitely:	2				
Repeat Co	ount: 😰	Repeat coun	t		-	
				Cancel	Add	
				Guirout	riu u	
Exemple "Daily Time Interval Trigger"



🐨 Add Trigger	
Daily Time Interval Trigger 🖻	
Job	
Name: JOB_CONTROLE	
Group: ENTREPOT	
- Trigger	
Name: 2 TRG_CONTROLE	
Group: 2 ENTREPOT	Exemple du "Daily Time
Description: 2	
Ingger description	📔 🛛 📉 Interval Trigger"
Start Time: 🖻 2016-04-01 🖸 08:00:00.000 💌	
End Time: 🖻 End date 🖪 End time 💙	
Priority: D	La partie superieure "en-tete"
Misfire Instruction: Smart Policy	× identique
Calendar: 🖸 Optional Quartz calendar	est identique
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	
Days of Week ?	
Monday Wednesday Friday Saturday Sunday	
Cancel	
Cancel	



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

Properties Jos Data N	Лар			
Repeat Interval Unit: 🖻	Hour			~
Repeat Interval: 🛛	4			~
Repeat Indefinitely: 🔋				
Repeat Count:				~
Start Time of Day: 🖻	09:00:00	*		
End Time of Day: 🔋	18:00:00	~		
Days of Week 🛛 ——				
📝 Monday	V Wednesday	📝 Friday	Saturday	
V Tuesday	📝 Thursday		Sunday	



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

Repeat Interval Unit: Hour Repeat Interval: 4 Repeat Indefinitely: Image: Count Repeat Count: Repeat count Start Time of Day: Image: Op:00:00 End Time of Day: Image: Op:00:00 Days of Week Image: Op:00:00 Days of Week Image: Op:00:00 Image: Op:00:00 Image: Op:00:00	Properties Jon Data Ma	ар			
Repeat Interval: 4 Repeat Indefinitely: Image: Count interval: Repeat Count: Repeat count interval: Start Time of Day: Image: Count interval: Start Time of Day: Image: Count interval: Days of Week Image: Count interval: Image: Count interval: Image: Count interval: Image: Count interval: Days of Week Image: Count interval: Image: Count interval:	Repeat Interval Unit: 🖻	Hour			*
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Repeat Count: Repeat count Start Time of Day: Image: Count in the second is a	Repeat Indefinitely: 🔊				
Start Time of Day: End Time of Day: Days of Week Wednesday Friday Saturday	Repeat Count:	Repeat count			*
End Time of Day: Ita:00:00 Days of Week Monday Wednesday Friday Saturday Condent	Start Time of Day: 🖻	09:00:00	~		
Days of Week	End Time of Day: 🖻	18:00:00	~		
Monday Wednesday Friday Saturday	- Days of Week 🔋				
	📝 Monday	🚺 Wednesday	📝 Friday	Saturday	
V Tuesday V Thursday Sunday	📝 Tuesday	📝 Thursday		Sunday	

... uniquement entre 9h et 18h



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

Description of the line of the	Llaur		
Repeat Interval Unit: 🕑	Hour		
Repeat Interval: 🖻	4		
Repeat Indefinitely: 🖻	V		
Repeat Count:	Repeat count		
Start Time of Day: 🔋	09:00:00	~	
End Time of Day: 🖻	18:00:00	~	
Days of Week 🔋 ———			
📝 Monday	V Wednesday	📝 Friday	Saturday
Tuesday	📝 Thursday		Sunday

La répétition



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

Properties Job Data Ma	p		
Repeat Interval Unit: 🖻	Hour		¥
Repeat Interval. 🛛	4		^
Repeat Indefinitely: 🖻	V		
Repeat Count:			~
Start Time of Day: 🖻	09:00:00	*	
End Time of Day: 🖻	18:00:00	*	



Uniquement 10 exécutions consécutives



	Quartz	Desk Enterprise Ed	m × /	8										71101
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9)uartzi	Desk		//	11111					Eng	glish 💌	QuartzDes Licensed to:	sk Enterprise Editio	n v2
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		C C C	inggers			cheouler Executio	n History	Scheduler 3	stausucs	scheduler Execution Noti	cauon kules	Schedule	r Job Chains	
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	Name *	Group	Health		Class		Job Da	ata Map	Durable	Recoverable	Volatile	Conce	urrent Persists Jo	ob D
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E	Execution History	Triggers 🛛 🞽	Statistics	Exec	cution Notification Rules	Job Chai	ns							
2	Max Date: 20	16-04-07 🖸 Ma	ax Records:	10	▼ Filter: 🛛	Full-Text Qu	iery			Q				
Sta	rted At	Finished At 🔻	Duration	Sta	Job Data Map	Trigger	Trigger	Result	Error	User Data	Log	Thread	Thread Name	
201	6-04-07 14:1	2016-04-07 14:1	00:00:04	Suc	8	QD_MAN	PT_2qvo					main	QuartzDeskExecutor	
201	6-04-07 14:1	2016-04-07 14:1	00:00:04	Suc		QD_MAN	PT_795t	-				main	QuartzDeskExecutor	
	6-04-07 14:1	2016-04-07 14:1	00:00:02	Error	8	QD_MAN	PT_1630					main	QuartzDeskExecutor	
201		2016 04 07 14.1	00.00.04	Suc	8	QD_MAN	PT_1ny9	\$				main	QuartzDeskExecutor	
201 201	6-04-07 14:1	2016-04-07 14:1	00:00:04											
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201 201 201 201 201	6-04-07 14:1 6-04-07 14:1 6-04-07 14:1 6-04-07 14:1	2016-04-07 14:1 2016-04-07 14:1 2016-04-07 14:1 2016-04-07 14:1	00:00:04 00:00:04 00:00:04	Suc Suc		QD_MAN QD_MAN QD_MAN	PT_10un PT_7km PT_nso4	2 2 2 2 2 2				main main main	QuartzDeskExecutor QuartzDeskExecutor QuartzDeskExecutor	



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Secutor								11311	Licensed to:		
Jobs 🔰 Cu	mently Executing Jobs	💣 Triggers [(]	Scheduler Info	Scheduler Execution H	istory	Statistics	Scheduler Execution Notifi	cation Rules	Scheduler Jo	b Chains	
	@ Philada	in light									
Name -		Health	Class		Job Data Map	Durable	Recoverable	Volatile	Concurr	ent Persists Jo	b D
IDB CHARGE	ENTRIPOT	_		tzdesk.executor		1					
∃ JOB CONTRO.	ENTREPOT		com.guartzdesk.e	executor.core.jo							
JOB ERREUR	ENTREPOT		com.guartzdesk.e	executor.core.jo							
JOB_IMPORT	ENTREPOT		com.quartzdesk.e	executor.core.jo		1					
∃ JOB_LENT	ENTREPOT		com.quartzdesk.e	executor.core.jo		1					
∃ JOB_MESSAGE	PLANNING		com.quartzdesk.e			V					
∃ JOB_NOTIFIC.	ENTREPOT	-									
-EE room to a transm	Triggers				-						
Max Date: 2	016-04-07 🖪 M	ax Records: 10	▼ Filter: [7 Full-Text Quer			Q				
Max Date: 2 Started At	016-04-07 🔄 M	ax Records: 10 Duration Sta	Filter:	Full-Text Quer	y gger Result	Error	Duser Data	Log	Thread T	hread Name	1
Max Date: 2 Started At 2016-04-07 14:1	016-04-07 Finished At 2016-04-07 14:1	ax Records: 10 Duration Sta 00:00:04 Suc	Filter: Filter:	 Full-Text Quer Trigger Trigger 	y gger Result 2qvo 🔊	Error	Diser Data	Log	Thread T main 0	'hread Name JuartzDeskExecutor	3
Max Date: 2 Started At 2016-04-07 14:1 2016-04-07 14:1	016-04-07 Finished At 2016-04-07 14:1 2016-04-07 14:1	Duration State 00:00:04 Succession 00:00:04 Succession	Filter: [Full-Text Quer Trigger QD_MAN PT QD_MAN 	y gger Result _2qvo @ _795t @	Error	Diser Data	Log	Thread T main Q main Q	hread Name JuartzDeskExecutor JuartzDeskExecutor	3 . 7
Execution history Max Date: 2 Started At 2 2016-04-07 14:1 2 2016-04-07 14:1 2 2016-04-07 14:1 2	016-04-07 Pinished At 2016-04-07 14:1 2016-04-07 14:1 2016-04-07 14:1	Records: 10 Duration Sta 00:00:04 Suc 00:00:04 Suc 00:00:02 Error	Filter: [Job Data Map] an	Full-Text Quer Trigger QD_MAN PT QD_MAN PT QD_MAN PT	y gger Result 2qvo S 795t S 1630 S	Error	User Data	Log	Thread T main Q main Q main Q	hread Name JuartzDeskExecutor JuartzDeskExecutor JuartzDeskExecutor	3 . 7 . 7
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	Jobs Curren	tly Executing Jobs	Triggers	() Scheduler In	ifo 🕼 Scl	heduler Execution History	Sch	eduler Statistics	Scheduler Ex	ecution Notification	Rules 😽 S	cheduler Job Chains		
2	Job Group	v x												4
	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	8		2016-04-0	2016-04-0			(mm)	0	ubuntu14
	/													
L	onglet •	'Currei	ntly	Εχεςι	iting	g Jobs"		Il est possible de consulter les logs						logs
liste tous les traitements en cours d' exécution ("trigger" actifs ou exécution											par	exe	mple	

immédiate



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

La version de Quartz utilisée

artz et Quartz	Desk par exer
Secutor Secutor Secution	g Jobs 📷 Triggers 🕼 Scheduler Info 🕼 Scheduler Execution History 🖄 Scheduler Statistics 📦 Scheduler Execution Notification Rules 👹 Scheduler Job Chains
Host:	localhost
Port:	2299
Service URL:	service:jmx:rmi://jndi/rmi://localhost:2299/jpxrmi
Status:	Started
Name:	QuartzDeskExecutor
Instance ID:	ubuntu
Object Name:	quartz:type=PvartzScheduler,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
QuartzDesk JVM Agent	QuartzDesk JVM Agent v2.1.3



L'onglet "Scheduler Execution History"

retrace toutes les exécutions de "job" à partir d'une

date donnée

Currently Exe	ing Jobs	Trigger	s i Scheduler	Info	Execution History	Scheduler Statistics	📄 Scl	neduler Execution	Notificatio	n Rules	Sch	eduler Job	Chains	
2016-04-18	8 🖪 1	Max Records:	10	Filter: 🗹 Full-T	ext Query			Q	1					
ished	Dura	Status	Job Group	Job Name	Job Data Map	Trigger Gro	Trig	Result	Err	User	Log	Thr	Th	JV
16-04-1	00:00:	Success	ENTREPOT	JOB_LENT		QD_MANUAL	PT_3	\$				main	Qua	285
16-04-1	00:00:	Error	ENTREPOT	JOB_CONTROLE		ENTREPOT	TRG	*	-			main	Qua	285
16-04-0	00:00:	Error	ENTREPOT	JOB_CONTROLE		QD_MANUAL	PT_3	\$				main	Qua	285
16-04-0	00:00:	Error	ENTREPOT	JOB_CONTROLE	3	QD_MANUAL	PT_k	\$	-			main	Qua	285
16-04-0	00:00:	Error	ENTREPOT	JOB_CHARGEM		ENTREPOT	TRG	\$				main	Qua	285
16-04-0	00:00:	Error	ENTREPOT	JOB_CHARGEM		ENTREPOT	TRG	2				main	Qua	285
16-04-0	00:00:	Error	NTREPOT	JOB_CHARGEM		ENTREPOT	TRG	2				main	Qua	285
16-04-0	00:00:	Error	ENTREPOT	JOB_CHARGEM		ENTREPOT	TRG	2				main	Qua	285
16-04-0	00:00:	Error	ENTREPOT	JOB_CHARGEM		ENTREPOT	TRG	2				main	Qua	285
16-04-0	00:00:	Error	ENTREPOT	JOB_CHARGEM	8	ENTREPOT	TRG	\$				main	Qua	285
	2016-04-1 shed 6-04-1 6-04-0 6-04-0 6-04-0 6-04-0 6-04-0 6-04-0 6-04-0 6-04-0 6-04-0 6-04-0	2016-04-18 Dura shed Dura 6-04-1 00:00: 6-04-1 00:00: 6-04-0 00:00: 6-04-0 00:00: 6-04-0 00:00: 6-04-0 00:00: 6-04-0 00:00: 6-04-0 00:00: 6-04-0 00:00: 6-04-0 00:00: 6-04-0 00:00: 6-04-0 00:00: 6-04-0 00:00:	Number of the system Number of the system 8hed Dura Status 6-04-1 00:00: Success 6-04-1 00:00: Error 6-04-1 00:00: Error 6-04-0 00:00: Error	Number of the system Nax Records: 10 Shed Dura Status Job Group 6-04-1 00:00: Success ENTREPOT 6-04-1 00:00: Error ENTREPOT 6-04-0 00:00: Error ENTREPO	2016-04-18 Max Records: 10 Filter: ∑ Full-T shed Dura Status Job Group Job Name 6-04-1 00:00: Success ENTREPOT JOB_LENT 6-04-1 00:00: Error ENTREPOT JOB_CONTROLE 6-04-0 00:00: Error ENTREPOT JOB_CHARGEM 6-04-0	2016-04-18 Max Records: 10 Filter: Full-Text Query shed Dura Status Job Group Job Name Job Data Map 6-04-1 00:00: Success ENTREPOT JOB_CONTROLE Image: Control Contro Control Control Contro Control Control Cont	2016-04-18 Max Records: 10 Filter: Full-Text Query shed Dura Status Job Group Job Name Job Data Map Trigger Gro 6-04-1 00:00: Success ENTREPOT JOB_CONTROLE QD_MANUAL 6-04-1 00:00: Error ENTREPOT JOB_CONTROLE QD_MANUAL 6-04-0 00:00: Error ENTREPOT JOB_CHARGEM ENTREPOT 6-04-0 00:00: Error ENTREPOT JOB_CHARGEM ENTREPOT 6-04-0 00:00: Error ENTREPOT JOB_CHARGEM ENTREPOT 6-04-0 00:00: Error ENTREPOT JOB_CHARGEM ENTREPOT	2016-04-18 Max Records: 10 Filter: Pilter: Full-Text Query shed Dura Status Job Group Job Name Job Data Map Trigger Gro Trig 6-04-1 00:00: Success ENTREPOT JOB_LENT Image: QD_MANUAL PT_3 6-04-1 00:00: Error ENTREPOT JOB_CONTROLE Image: QD_MANUAL PT_3 6-04-0 00:00: Error ENTREPOT JOB_CONTROLE Image: QD_MANUAL PT_3 6-04-0 00:00: Error ENTREPOT JOB_CONTROLE Image: QD_MANUAL PT_s 6-04-0 00:00: Error ENTREPOT JOB_CONTROLE Image: QD_MANUAL PT_s 6-04-0 00:00: Error ENTREPOT JOB_CHARGEM Image: ENTREPOT TRG 6-04-0 00:00: Error ENTREPOT JOB_CHARGEM Image: ENTREPOT TRG 6-04-0 00:00: Error ENTREPOT JOB_CHARGEM ENTREPOT	Nax Records: 10 Filter: Full-Text Query shed Dura Status Job Group Job Name Job Data Map Trigger Gro Trig Result 6-04-1 00:00: Success ENTREPOT JOB_CONTROLE Image: Contract	Result Max Records: 10 Filter: Pull-Text Query shed Dura Status Job Group Job Name Job Data Map Trigger Gro Trig Result Err 6-04-1 00:00: Success ENTREPOT JOB_LENT QD_MANUAL PT_3 Solution Solution Solution Solution Error ENTREPOT JOB_CONTROLE ENTREPOT TRG Solution Solution Solution Error ENTREPOT JOB_CONTROLE QD_MANUAL PT_3 Solution Solution Solution Solution Error ENTREPOT JOB_CONTROLE QD_MANUAL PT_4 Solution Solution Solution Solution Error ENTREPOT JOB_CONTROLE QD_MANUAL PT_4 Solution Solution <t< td=""><td>PO16-04-18 Nax Records: 10 Filter: Full-Text Query P shed Dura Status Job Group Job Name Job Data Map Trigger Gro Trig Result Err User 6-04-1 00:00: Success ENTREPOT JOB_LENT Image: Control Ima</td><td>PO16-04-18 Max Records: 10 Filter: Full-Text Query Poisson Triger Gro Trig Result Err User Log 6-04-1 00:00: Success ENTREPOT JOB_LENT Image: Comparison of the text of t</td><td>Bit Control Max Records: 10 Filter: Full-Text Query Shed Dura Status Job Group Job Name Job Data Map Trigger Gro Trig Result Err User Log Thr 6-04-1 00:00 Success ENTREPOT JOB_LENT QD_MANUAL PT_3 Solution Image Imag</td><td>Barling Max Records: 10 Filter: Full-Text Query Shed Dura Status Job Group Job Name Job Data Map Trigger Gro Trig Result Err User Log Th 6-04-1 00:00: Success ENTREPOT JOB_LENT QD_MANUAL PT_3 Result Err User Log Th 6-04-1 00:00: Error ENTREPOT JOB_CONTROLE ENTREPOT TRG Result Err User Log Th 6-04-0 00:00: Error ENTREPOT JOB_CONTROLE QD_MANUAL PT_3 Result Error Imain Qua 6-04-0 00:00: Error ENTREPOT JOB_CONTROLE QD_MANUAL PT_s Result Re</td></t<>	PO16-04-18 Nax Records: 10 Filter: Full-Text Query P shed Dura Status Job Group Job Name Job Data Map Trigger Gro Trig Result Err User 6-04-1 00:00: Success ENTREPOT JOB_LENT Image: Control Ima	PO16-04-18 Max Records: 10 Filter: Full-Text Query Poisson Triger Gro Trig Result Err User Log 6-04-1 00:00: Success ENTREPOT JOB_LENT Image: Comparison of the text of t	Bit Control Max Records: 10 Filter: Full-Text Query Shed Dura Status Job Group Job Name Job Data Map Trigger Gro Trig Result Err User Log Thr 6-04-1 00:00 Success ENTREPOT JOB_LENT QD_MANUAL PT_3 Solution Image Imag	Barling Max Records: 10 Filter: Full-Text Query Shed Dura Status Job Group Job Name Job Data Map Trigger Gro Trig Result Err User Log Th 6-04-1 00:00: Success ENTREPOT JOB_LENT QD_MANUAL PT_3 Result Err User Log Th 6-04-1 00:00: Error ENTREPOT JOB_CONTROLE ENTREPOT TRG Result Err User Log Th 6-04-0 00:00: Error ENTREPOT JOB_CONTROLE QD_MANUAL PT_3 Result Error Imain Qua 6-04-0 00:00: Error ENTREPOT JOB_CONTROLE QD_MANUAL PT_s Result Re

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...)

S Executor 🕱	
🔛 Jobs 🔯 Currently Executing Jobs 💕 Trigge 🕢 Scheduler Info 🏥 Scheduler Execution History	er Job Chains
al Statistics: Job Execution Time Period: Day 🗸 – 2016-04-07 🖻	
Job Execution Time statistics displays the average job execution time evaluated across all jobs and their triggers within the selected time period.	
Move the mouse pointer across individual bars to display further details. Toggle visibility of individual chart series by clicking on the legend labels.	
19000	
18000-	
17000	
16000-	
15000-	
ត្ <u>ច</u> 14000-	
513000-	
<u><u> </u></u>	-
·월 10000-	
Q 9000 -	 Success
û 8000 -	Error
ö 7000 -	
호 6000 -	
< 5000 -	
4000 -	
3000 -	1
2000 -	
1000 -	
Hour of the Day	

Statistiques d'exécution



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"







Ce système très puissant permet de générer une notification en cas de









S Executor		
Jobs Viggers Currently Executing Jobs	🚯 Scheduler Info 🛛 ট Scheduler Execution History 🔹 🖄 Scheduler Statistics 🔹 👘 Scheduler Execution Notification Rules	Sche
💐 🖪 🔍 🦧 📄 🛛 Filter: 🗹 Full-Text Query		
Name - Severity Enabled	Edit Notification Rule	×
	Name: D Envoi Email	
	Description: 🔊	
	Envoi d'un email si le job de contrôle est tombé en erreur	
	Severity: 🖻 🕔 Error	~
	Enabled: 2	
	Enabled On Weekdays 2	
	V Monday V Wednesday V Friday Saturday	
	Juilday Ministray	
	Enabled From: 2 08:00:00 Enabled To: 2 19:00:00	
	Condition Message	
Notification uniquement	Condition Type: [7] Execution Status	~
en cas d'erreur d'	Execution Status: D Error	~
exécution du "iob"		
	Cancel Upda	ate

Le message à envoyer



Channel profile: 🖻	🖂 Email		*	R
Recipient(s): 🖻	administrateur@server	r-interne.fr		
Subject: 🖻	Le traitement \${prece	dingExecHistory.jobName	e} a échoué à \${precedingExe	8
Body: 🖻				
\${precedingExecHis	tory.log}			8
\${precedingExecHis - Attachments 2	tory.log}			×



Condition	tessage						
Channel profile: 🖻	🖂 Email		¥ 🧖				
Recipient(s): 🖻	administrateur@serve	r-interne.fr					
Subject: ව Body: ව	Le traitement \${prece	dingExecHistory.jobName	} a échoué à \${precedingExe 🏼 📎	2		Destinataire(s) c	u
Voici la trace du tra	itement :		8				
¢ (procodingEvocilie	topylog					message,	
\${precedingExecHis	story.log}			\downarrow		sujet du message	e,
\${precedingExecHis	story.log}			+	_	sujet du message, corps du messag	e, ge
\${precedingExecHi	story.log}					sujet du message, sujet du messag corps du messa peuvent intégrés	e, ge des
\${precedingExecHis	story.log}				_	sujet du message, sujet du message corps du messa peuvent intégrés variables contex	e, ge des t uelles

Les variables contextuelles



Channel profile: 2 Recipient(s): 2	Email	ne.fr			Accès aux variables contextuelles	
Subject: 🖻	Le traitement \${precedingEx	ecHistory.jobName} a éc	houé à \${precedi	ingExe 📎		
Body: 🛛						
Voici la trace du tra \${precedingExecHis	itement : story.log}	♥ Double-click to insert mac	ro at current cursor p	vosition		×
		Name	Always Available	Description		
		a 🔄 execHistory	Yes	Macros exposing the current	nt job's execution data.	
		E id	Yes	Execution history record).	- 1
		startedAt	Yes	Timestamp when the job e	xecution started.	- 1
		E finishedAt	Yes	Timestamp when the job e	xecution finished.	- 1
All a damage and		E duration	Yes	Job execution duration in n	nilliseconds.	- 1
Attachments [2]		execStatus	Yes	Job execution status as a s	tring ('SUCCESS', 'VETO', 'ERROR').	- 1
🔽 Log	Error	schedulerObjectNam	Yes	Scheduler object name.		- 1
		schedulerVersion	Yes	Scheduler version.		- 1
Send Test Message	A No message macros exp	schedulerName	Yes	Scheduler name.		- 1
	The message macros exp	schedulerInstanceId	Yes	Scheduler instance ID.		-1
		iobClassName	Yes	Fully qualified job class nar	me.	- 1
		<u>JobClassLocation</u>	Yes	Job class location info.	ad tab	- 1
		100GroupName	Yes	Group name of the execute	ed job.	- 1
			res	Name of the executed job.	ad bissor	
		E triggerGroupName	Yes	Group name of the executed	ed trigger.	
			No	Calendar name	er.	
	<i>и</i> . т.н		No	lob execution result as a st	tripo	
ci le nom du	"Job" qui a	I userData	No	Job execution user data as	a string.	
		= error	No	Job execution error as a sh	ring.	
		Loten and and a second	10000			
té exécuté		E log	No	Job execution log as a strir	ng.	

Les fichiers attachés au message



Condition	Message				
Channel profile: 🖻	🔛 Email		~		
Recipient(s): 💿	administrateur@serve	er-interne.fr			
Subject: 😰	Le traitement \${prece	dingExecHistory.jobName	e} a échoué à \${precedingExe	8	
Body: 🖻					
Voici la trace du tra	itement :			S	
\${precedingExecHis	story.log}				
Attachments 🖻 —					
✓ Log	Error	Result	🔲 User Data		
Send Test Message	A No message macr	os expanded, no atta	ents in test messages.		
					Il est possible d'attacher un
					ou plusieurs fichiers, comme
					por overple le tress "les"
					par exemple la trace log



	Executor 🙁	ecuting Jobs	Triggers	🚯 Scheduler Info	Execution History	Scheduler Sta	tistics	Execution Notification I	Rules Schedul	ler Job Chains
2	▶ 🗄 🖬 🔏 🕻	Job Gro	up	🗙 🗙 🕪 🔢 Filter: 🗷 Full-	Text Query			Q		
	Name *	Group	Health	Class	Job Data Map	p Durable	Recoverable	Volatile	Concurrent	Persists Job Dat
Ð	JOB_CHARGEMENT	ENTREP		com.linaveo.quartzde	8	V				
ŧ	JOB_CONTROLE	ENTREP		com.quartzdesk.exec	8	V				m
+ì	10B ERREUR	ENTREP		com.quartzdesk.exec	8	1				
ŧ	JOB_IMPORT_BILANS	ENTREP		com.quartzdesk.exec						
ŧ	JOB_LENT	ENTREP		com.quartzdesk.exec	8	V				
ŧ	JOB_MESSAGE	PLANNI		com.quartzdesk.exec		1		1000 C		1
ŧ	JOB_NOTIFICATION	ENTREP	· · · ·	com.quartzdesk.exec	8	V				
5		itter: 1711 FU	II-IPYT UILIPPV							
a	Name -		Enabled	Enabled On Weekdays	Enabled F	Enabled Till	Condition	Created At	Up	dated At
Ŧ	Name A		Enabled	Enabled On Weekdays Mon, Tue, Wed, Thu, Fri	Enablet F 06:00:00	Enabled Till 19:00:00	Condition Execution Status [Created At 2016-05-09 10:44	Up 0:34.589 CE 201	dated At 16-05-09 10:40:34.589



	🔡 Edit Job Cha	n			×
Secutor	Name: 2	ST NOK			
Jobs Currently Executing Jobs	Name. E	51_NOK			
🎥 🕨 🖪 🦽 🗎 🛛 Job Group	Description: 🛛				
Name - Group He	Relance les tr	itements de contrôle de la base en	cas d'échec de l'importation de	es bilans	
JOB_CHARGEMENT ENTREP ■					
∃ JOB_CONTROLE ENTREP ■					
■ JOB_ERREUR ENTREP ■	Enabled: [2]				
∃ JOB_IMPORT_BILANS ENTREP ■	E				
∃ JOB_LENT ENTREP	- Enabled On V	eekdays 🕐			
☑ JOB_MESSAGE PLANNI	Monda	Wednesday	V Friday	Saturday	
∃ JOB_NOTIFICATION ENTREP ■	Tuesda	y 📝 Thursday		Sunday	
🕼 Execution History 📑 Triggers 🕅 🖄 Sta					
📚 🕀 🖻 🔏 📄 🛛 Filter: 🛛 Full-Tex	Enabled From:	2 06:00:00	Enabled To: 🖻 19:00:00	~	
Name - En					
∃ SI_NOK	= Condition	Targets			
	Condition To	Evention Status			
	Condition Ty	Execution Status			
	Execution St	tus: 🖻 Error			~
	1				
		/			Cancel Undate
	3				opute
lci	le "job cha	in" sera lancé si et s	seulement si l'exé	cution	
du t	raitement	sur lequel il est atta	nché) retourne une	e erreur	



		Edit Job Chain					
Executor	and the	Name: 🖻 SI_NOK					
Jobs Currently Ex	ecuting Jobs	Description: 2					
	Job Group	Relance les traitements de	contrôle de la base e	en cas d'éche	c de l'importation de	es bilans	
Name *	Group Ho						
JOB_CHARGEMENT	ENTREP						
JOB_CONTROLE	ENTREP	Fashlad IV					
JOB_ERREUR	ENTREP	Enabled: 🛛 💟					
JOB LENT	ENTREP	- Enabled On Weekdays 🔋 -					
IOB MESSAGE	PLANNI.	Monday	Wednesday	V	Friday	Saturd	ay
JOB NOTIFICATION	ENTREP	V Tuesday	V Thursday			Sunday	ý.
述 Execution History 🛛 💣 같 🕀 🖃 🔏 🕞 F	Triggers 🔯 Si Filter: 🛛 Full-Te	Enabled From: D 06:00:0	00	Enabled To	: 🖻 19:00:00	~	
Name 🔺	Er	Condition Targets					
SI_NOK		H = 4					
		Scheduler	Job M	lame 🔺	Job Group	Enabled	Execution Type
		Remote [Executor]	JOB_0	CONTROLE	ENTREPOT	5	Delayed [30000ms]
							Cancel Update

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

Le chaînage de traitements



) Local ව Remote ව				
Secutor		~		
abled: 🗵 💟			ns	
Job Group	▼ ×			
Name 🔺	Group	Class		
JOB_CHARGEMEN	Г ENTREPOT	com.linaveo.quartzdesk.executor.job.KettleExecutorJ		
JOB_CONTROLE	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandEx	Saturo	lav
JOB_ERREUR	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandEx	Sunda	N
JOB_IMPORT_BIL	ANS ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandEx	Jounda	7
JOB_LENT	ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandEx	-	
JOB_MESSAGE	PLANNING	com.quartzdesk.executor.core.job.LocalCommandEx		
JOB_NOTIFICATIO	N ENTREPOT	com.quartzdesk.executor.core.job.LocalCommandEx		
Execution				
Execution Type: 🖻	Delayed	~	inabled	Execution Type
Dolay (ma)	30000	<u>^</u>	Interpreta	Execution Type





Accès à la console QuartzDesk



C pdi-server:8080/quar Authentificati http://pdi-serve passe. Votre connexion Nom d'utilisateu	r:8080 nécessite un nom d'u nà ce site n'est pas privée. r : user	iilisateur et un mot de	₩ Ξ	et le mot de passe pour accéder à la console QuartzDesk
Mot de pass	e : Annuler	Se connecter		par défaut utilisateur "user" mot de passe "password"
Ecran principal QuartzDesk		Schedulers Schedulers Schedulers Schedulers Schedulers Schedulers Schedulers Schedulers Schedulers Schedulers Schedulers Schedulers	srtzDesk Enterprise Edit × adi-server:8080/quartzdesk/ ZDESK	Al Consed to:
		Settings	*	 In the Scheduler connections are open In the Schedulers panel add new, or open existing scheduler connection. In the Settings panel tweak QuartzDesk configuration. In the Help panel view installed license details.





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



Connection		Saisir un nom à la connexion
Maintenance Tasks	Name: P Executor	
	Service Parameters	
	Protocol: 🖻 RMI 👻	
	Host: 🖻 localhost	Ici une installation simple de
	Port: 🛛 2299	Ouartz en local sur le même
	Service URL	
	URLETE	serveur, nous choisissons
	Authentication 🔊 —	"Executor"
	Secure (SSL)	
	Scheduler Object Name 🖻	
	quartz:type=QuartzScheduler,name=QuartzDesk,instance=ubuntu V Discover	
	quartz:type=QuartzScheduler,name=QuartzDesk,instance=ubuntu	
	quartz:type=QuartzScheduler,name=QuartzDeskExecutor,instance=ubun	
	Cancel Update	

Création d'un connecteur Quartz



Ø Edit Connection	×	
Connection Maintenance Tasks	Name: □ Executor Remote JMX Service Service Parameters Protocol: □ RMI Host: □ localhost Port: □ 2299 O Service URL O Service URL O Secure (SSL) 	Nous utilions le protocole "RMI"
	quartz:type=QuartzScheduler,name=QuartzDesk,instance=ubuntu Image: Connection quartz:type=QuartzScheduler,name=QuartzDesk,instance=ubuntu Image: Connection quartz:type=QuartzScheduler,name=QuartzDeskExecutor,instance=ubuntu Image: Connection cancel Update	Le serveur Quartz est installe sur la même machine que QuartzDesk, donc "localhost" Le port est "2299"

Création d'un connecteur Quartz



Connection	Name: 2 Executor	
Maintenance Tasks	- Remote IMX Service	
	Service Parameters	
	Protocol: 2 RMI	
	Host: 2 localhost	
	Port: 🖻 2299	
	Service URL	
	Authentication 2	Cliquer sur "Discove
	- Scheduler Object Name 2	
	quartz:type=QuartzScheduler,name=QuartzDesk,instance=ubuntu V Discover	
	quartz:type=QuartzScheduler,name=QuartzDesk,instance=ubuntu	
	quartz:type=QuartzScheduler,name=QuartzDeskExecutor,instance=ubun ^{st Connection}	
	Cancel Update	

Sélectionner ensuite la ligne proposée qui contient

"name=QuartzDeskExecutor"











		Desk								En	iglish 🔽	QuartzDes	sk Enterp	rise Edition	1
S Execut	tor 🗵														
	Curr		Triggers	() Sc								Schedule			
2	H H			v x		7 Full-Text (Q					
Name	e 🔺	Group	Health		Class		Job D	ata Map	Durable	Recoverable	Volatile	Conci	urrent	Persists Jol	b
JOB C		ENTREPOT			com.linaveo.quart	zdesk.execub									
JOB_C	CONTRO	ENTREPOT	1.1		com.quartzdesk.e	xecutor.core.j			V						
∃ JOB_E	ERREUR	ENTREPOT	-		com.quartzdesk.e	xecutor.core.j			1						
	IMPORT	ENTREPOT	-		com.quartzdesk.e	xecutor.core.j			1						
JOB_I			10 M		com.quartzdesk.e	xecutor.core.j			1						
∃ JOB_I∃ JOB_L	LENT	ENTREPOT													
 JOB_I JOB_L JOB_N 	LENT MESSAGE	ENTREPOT PLANNING			com.quartzdesk.e				1						
JOB_I JOB_L JOB_N JOB_N JOB_N JOB_N Executi	LENT MESSAGE NOTIFIC	ENTREPOT PLANNING ENTREPOT	Statistics	Exec	com.quartzdesk.e com.quartzdesk.e aution Notification Rules	xecutor.core.j xecutor.core.j			V V						
 ☑ JOB_I ☑ JOB_L ☑ JOB_N ☑ JOB_N ☑ JOB_N ☑ Executi ☑ Max I 	LENT MESSAGE NOTIFIC tion History Date: 20	ENTREPOT PLANNING ENTREPOT	Statistics	 Exect 10 	com.quartzdesk.e com.quartzdesk.e cution Notification Rules	xecutor.core.j xecutor.core.j Job C J Full-Text (
	LENT MESSAGE NOTIFIC tion History Date: 20	ENTREPOT PLANNING ENTREPOT 16-04-07	Statistics	 Exect 10 Sta 	com.quartzdesk.e com.quartzdesk.e uution Notification Rules Filter: 1 Job Data Map	xecutor.core.j xecutor.core.j Billion G Full-Text (Trigger	o o hains Query Trigger	Result	Error	User Data	Log	Thread	Thread N	lame	
308_I 308_I 308_L 308_L 308_N 308_N	LENT MESSAGE NOTIFIC Date: 20 tt 20 tt 7 14:1	ENTREPOT PLANNING ENTREPOT 16-04-07 M Finished At * 2016-04-07 14:1	Statistics Statistics Ax Records: Duration 00:00:04	 Exect Exect Sta Suc 	com.quartzdesk.e com.quartzdesk.e ution Notification Rules V Filter: 1 Job Data Map	xecutor.core.j xecutor.core.j	o o hains Query Trigger PT_2qvo	Result	Error	D User Data	Log	Thread main	Thread N QuartzDes	lame	
 ∃08_I 308_L 308_N 308_N 308_N Stered	LENT MESSAGE NOTIFIC Date: 20 tt 7 14:1 7 14:1	ENTREPOT PLANNING ENTREPOT 16-04-07 P Finished At = 2016-04-07 14:1 2016-04-07 14:1	Statistics	Exect Sta Suc	com.quartzdesk.e com.quartzdesk.e uution Notification Rules v Filter: 17 Job Data Map	xecutor.core.j xecutor.core.j G Full-Text (Trigger QD_MAN QD_MAN	o o hains Query Trigger PT_2qvo PT_795t	Result	V V Error	User Data	Log	Thread main main	Thread N QuartzDes QuartzDes	lame skExecutor	
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Pour démarrer, stopper ou mettre en pause l'ordonnanceur Quartz



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

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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.

Job Name: 😰	JOB_CONTROLE				
Job Group: 🖻	ENTREPOT				
Job Class:	com.quartzdesk.executor.core.job.LocalCommandExecutorJob				
Durable: 🛛	V				
Recoverable: 🖻					
Description: 🗵	Contrôle des bases de données locales pour stockage dans l'entrepôt central				
Job Data Map					
Job Data Map					
Job Data Map +	Value				
Job Data Map	Value /opt/pdi/kitchen.sh				
Job Data Map	Value /opt/pdi/kitchen.sh -job:JOB_CONTROLE -rep:PDI_REP -user				
Job Data Map	Value /opt/pdi/kitchen.sh -job:JOB_CONTROLE -rep:PDI_REP -user				



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

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

	100 00117001 5	2				
ob Name: 🖻	JOB_CONTROLE ENTREPOT					
ob Group: 🖻						
ob 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				



com.quartzdesk.executor.core.job.LocalCommandExecutorJob



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