Configuring the Process Mining Services

Configuring the Node.js Services

You can use the default settings of the Node.js services. Only make sure that the rdbms setting of the analytics-api-service and analytics-etl-service corresponds to the analytical database.

Further configuration of the services is not necessary, but possible. You can configure the Node.js services via the **Settings** tab in the detail view of each service. The configuration is provided as a JSON object.

Settings Applicable for all Services

	Setting	Type	Description	Default
service-repository	*hostname*	String	The host providing the service-repository.	`localhost`
	port	String	The port of the service-repository.	`3017`
	protocol	String	The protocol of the service-repository.	`ws`
	reconnection	Boolean	Specify, if this service shall try to reconnect the service-repository in case of connectivity loss.	`true`
	requiredServices	Object	Specify the services required by the service-repository.	`{}`
<service name>	*hostname*	String	The host providing this service.	`localhost`
	port	String	The port of this service.	
	protocol	String	The protocol of this service.	`ws`
	requiredServices	String	Specify the services required by this service.	`{}`

analytics-api-service

	Setting	Type	Description	Default
analytics-api-service	*requiredServices*	Object	Specify the services required by the analytics-api-service.	
	port	String	The port of this service.	`3041`
	rdbms	Object	Specify the connection to the analytical database. Details see below.	
	intervalLoadProcesses	Number	Define the caching interval for the process list in the **Scheer PAS** *Administration*.	`60`
rdbms	*vendor*	String	The RDBMS of the analytical database to connect to. Must be one of **mssql**, **mysql** or **oracle**.	
	connection	Object	The connection details of the analytical database. Details see below (please note that the available options depend on the RDBMS of the analytical database).	
connection (MySQL)	*host*	String	The host providing the analytical database.	
	port	Number	The port of the analytical database.	`3306`
	database	String	The database/scheme of the analytical database.	
	user	String	The user giving Process Mining access to the analytical database.	
	password	String	The password of the user accessing the analytical database.	
	connectionLimit	Number	The maximum number of connections to the analytical database to be opened at the same time.	`10`
connection (SQL Server)	*host*	String	The host providing the analytical database.	
	port	Number	The port of the analytical database.	`1433`
	database	String	The database/scheme of the analytical database.	

		Type	Description	Default
	user	String	The user giving Process Mining access to the analytical database.	
	password	String	The password of the user accessing the analytical database.	
	connectio nLimit	Number	The maximum number of connections to the analytical database to be opened at the same time.	`10`
	domain	String	Domain of the user. Remove this property if you want to use SQL authentication.	
	requestTi meout	Number	Timeout for database requests in milliseconds. Default of 0 disables the timeout.	`0`
connection **(Oracle)**	*connectSt ring*	String	The Oracle connect string to the analytical database.	
	user	String	The user giving Process Mining access to the analytical database.	
	password	String	The password of the user accessing the analytical database.	
	connectio nLimit	Number	The maximum number of connections to the analytical database to be opened at the same time.	`10`
api	*protocol*	String	The protocol of the REST API.	`http`
	hostname	String	The host name of the REST API.	`localho st`
	port	String	The port of the REST API.	`3043`

analytics-collector-service

	Setting	Type	Description	Default
analytics-collector-service	*intervalLo adServices*	Number	Define the caching interval for the services list in the **Scheer PAS** *Administration*.	`60`
	dataTarget	Object	Specifies the work directory from which the analytics-etl-service picks the collected log files. Details see below.	
	consoles	Array of objects	Specifies the BRIDGES to collect transaction logs from. Details see below.	
	collectorS cheduler	Object	Sets up the collection scheduler. Details see below.	
	services	Array of objects	Specifies further Node.js services to collect transaction logs from. Details see below.	
dataTarget	*type*	String	Specifies the type of the work directory. Currently only filesystem is available.	`filesystem`
	settings. path	String	Specifies the path of the work directory.	`/opt /e2e_bridge_ data /adb_workdir`
consoles	*name*	String	Defines the name of the BRIDGE node to collect log files from.	`localhost`
	dataDirect ory	String	Defines the data directory of the BRIDGE node to collect log files from.	`/opt /e2e_bridge_ data`
collectorScheduler	*enable*	Boolean	Turns the collection scheduler on or off.	`true`
	cronPattern	String	Defines when to schedule the log collection. ✅ Possible patterns are described in detail on crontab.org.	`0 * * * *`
services	*name*	String	Specifies the service name.	
	namespace	String	Specifies the namespace of the service. Recommended is to use the host name.	
	runtime	String	Specifies the runtime of the service. Currently available are `nodejs` and `xuml`.	

	Setting	Type	Description	Default
	logsDirect ory	String	Specifies the file system pointing to the transaction logs of the service.	

analytics-etl-service

	Setting	Type	Description	Default
analytics-etl-service	datasource	Object	Specifies the work directory from which the analytics-etl-service picks the collected log files. Details see below.	
	rdbms	Object	Specify the connection to the analytical database. Details see below.	
	deletionSc heduler	Object	Enable the scheduler to delete data. Details see below.	
	processTr aceAPIEn tries	Boolean	Determines if the BPaaS logs should be processed by the ETL service or not. ⚠ If more than one **analytics-etl-service** are running on a system, only one can be set to **true**. All other services must then be set to **false**.	true
datasource	type	String	Specifies the type of the work directory. Currently only filesystem is available.	`filesystem`
	settings. path	String	Specifies the path of the work directory.	`/opt /e2e_bridg e_data /adb_workd ir`
rdbms	vendor	String	The RDBMS of the analytical database to connect to. Must be one of **mssql**, **mysql** or **oracle**.	`mysql`
	connection	Object	The connection details of the analytical database. Details see settings of analytics-api-service.	
deletionScheduler	enable	Boolean	Enable or disable the scheduler.	`true`
	cronPattern	String	Defines the execution interval of the scheduler.	`0 1 * * 6`
	api	Object	Contains the reference for the REST API of the TrxLogsETL. Details see below.	

bpaas-cockpit

	Setting	Type	Description	Default
bpaas-cockpit	requiredServices	Object	Specify the services required by the bpaas-cockpit.	
	port	String	The port of this service.	`3005`
	app	Object	Define app-specific settings. Details see below.	
app	branding	String	Set the branding of the bpaas-cockpit.	`pas`

bpaas-cockpit-service

	Setting	Type	Description	Default
bpaas-cockpit-service	requiredSe rvices	Object	Specify the services required by the bpaas-cockpit-service.	
	port	String	The port of this service.	`3021`
	roleMapping	Object	Define the mapping of profile names (object keys) to role names (values for the object keys).	
	userExten sions	Object	Contains predefined settings for each user.	
	defaultGro up	Object	Define the default group which is added to the cockpit of each user on first login.	

Now that you have installed and set-up all components of **Scheer PAS** *Process Mining*, **you can start the services**.