

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
	reconnecton	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.	

On this Page:

- [Configuring the Node.js Services](#)
 - [Settings Applicable for all Services](#)
 - [analytics-api-service](#)
 - [analytics-collector-service](#)
 - [analytics-etl-service](#)
 - [bpaas-cockpit](#)
 - [bpaas-cockpit-service](#)

Related Pages:

- [Setting up the Database for Process Mining](#)

Related Documentation:

- [Process Mining](#)
- [BRIDGE](#)
 - [xUML Service Settings](#)
 - [Using Global Setting Variables](#)
 - [Date Time Patterns](#)
 - [Transaction Log Levels of an xUML Service](#)
 - [Preferences of the xUML Services](#)
 - [Node.js Service Settings](#)

	<i>user</i>	String	The user giving Process Mining access to the analytical database.	
	<i>password</i>	String	The password of the user accessing the analytical database.	
	<i>connectionLimit</i>	Number	The maximum number of connections to the analytical database to be opened at the same time.	10
	<i>domain</i>	String	Domain of the user. Remove this property if you want to use SQL authentication.	
	<i>requestTimeout</i>	Number	Timeout for database requests in milliseconds. Default of 0 disables the timeout.	0
<i>connection (Oracle)</i>	<i>connectString</i>	String	The Oracle connect string to the analytical database.	
	<i>user</i>	String	The user giving Process Mining access to the analytical database.	
	<i>password</i>	String	The password of the user accessing the analytical database.	
	<i>connectionLimit</i>	Number	The maximum number of connections to the analytical database to be opened at the same time.	10
<i>api</i>	<i>protocol</i>	String	The protocol of the REST API.	http
	<i>hostname</i>	String	The host name of the REST API.	localhost
	<i>port</i>	String	The port of the REST API.	3043

analytics-collector-service

	Setting	Type	Description	Default
analytics-collector-service	<i>intervalLoadServices</i>	Number	Define the caching interval for the services list in the Scheer PAS Administration .	60
	<i>dataTarget</i>	Object	Specifies the work directory from which the analytics-etl-service picks the collected log files. Details see below.	
	<i>consoles</i>	Array of objects	Specifies the BRIDGES to collect transaction logs from. Details see below.	
	<i>collectorScheduler</i>	Object	Sets up the collection scheduler. Details see below.	
	<i>services</i>	Array of objects	Specifies further Node.js services to collect transaction logs from. Details see below.	
<i>dataTarget</i>	<i>type</i>	String	Specifies the type of the work directory. Currently only filesystem is available.	filesystem
	<i>settings.path</i>	String	Specifies the path of the work directory.	/opt/e2e_bridge_data/adb_workdir
<i>consoles</i>	<i>name</i>	String	Defines the name of the BRIDGE node to collect log files from.	localhost
	<i>dataDirectory</i>	String	Defines the data directory of the BRIDGE node to collect log files from.	/opt/e2e_bridge_data
<i>collectorScheduler</i>	<i>enable</i>	Boolean	Turns the collection scheduler on or off.	true
	<i>cronPattern</i>	String	Defines when to schedule the log collection.  Possible patterns are described in detail on crontab.org.	0 * * * *
<i>services</i>	<i>name</i>	String	Specifies the service name.	
	<i>namespace</i>	String	Specifies the namespace of the service. Recommended is to use the host name.	
	<i>runtime</i>	String	Specifies the runtime of the service. Currently available are node.js and xum1.	

	<i>logsDirectory</i>	String	Specifies the file system pointing to the transaction logs of the service.	
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analytics-etl-service

	Setting	Type	Description	Default
analytics-etl-service	<i>datasource</i>	Object	Specifies the work directory from which the analytics-etl-service picks the collected log files. Details see below.	
	<i>rdbms</i>	Object	Specify the connection to the analytical database. Details see below.	
	<i>deletionScheduler</i>	Object	Enable the scheduler to delete data. Details see below.	
	<i>processTraceAPIEnables</i>	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
<i>datasource</i>	<i>type</i>	String	Specifies the type of the work directory. Currently only filesystem is available.	filesystem
	<i>settings.path</i>	String	Specifies the path of the work directory.	/opt/e2e_bridge_data/adb_workdir
<i>rdbms</i>	<i>vendor</i>	String	The RDBMS of the analytical database to connect to. Must be one of mssql , mysql or oracle .	mysql
	<i>connection</i>	Object	The connection details of the analytical database. Details see settings of analytics-api-service .	
<i>deletionScheduler</i>	<i>enable</i>	Boolean	Enable or disable the scheduler.	true
	<i>cronPattern</i>	String	Defines the execution interval of the scheduler.	0 1 * * 6
	<i>api</i>	Object	Contains the reference for the REST API of the TrxLogsETL. Details see below.	

bpaas-cockpit

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

bpaas-cockpit-service

	Setting	Type	Description	Default
bpaas-cockpit-service	<i>requiredServices</i>	Object	Specify the services required by the bpaas-cockpit-service.	
	<i>port</i>	String	The port of this service.	3021
	<i>roleMapping</i>	Object	Define the mapping of profile names (object keys) to role names (values for the object keys).	
	<i>userExtensions</i>	Object	Contains predefined settings for each user.	
	<i>defaultGroup</i>	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**.