

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

analytics-api-service

	Setting	Type	Description	Default
analytics-api-service	<i>requiredServices</i>	Object	Specify the services required by the analytics-api-service.	
	<i>port</i>	String	The port of this service.	3041
	<i>rdbms</i>	Object	Specify the connection to the analytical database. Details see below.	
	<i>intervalLoadProcesses</i>	Number	Define the caching interval for the process list in the Scheer PAS Administration .	60
rdbms	<i>vendor</i>	String	The RDBMS of the analytical database to connect to. Must be one of mssql , mysql or oracle .	
	<i>connection</i>	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)	<i>host</i>	String	The host providing the analytical database.	
	<i>port</i>	Number	The port of the analytical database.	3306
	<i>database</i>	String	The database/scheme of 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
connection (SQL Server)	<i>host</i>	String	The host providing the analytical database.	
	<i>port</i>	Number	The port of the analytical database.	1433
	<i>database</i>	String	The database/scheme of the analytical database.	

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Related Pages:

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

Related Documentation:

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	<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
connection (Oracle)	<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
api	<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.	
dataTarget	<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
consoles	<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
collectorScheduler	<i>enable</i>	Boolean	Turns the collection scheduler on or off.	true
	<i>cronPattern</i>	String	Defines when to schedule the log collection. <div style="border: 1px solid green; padding: 5px; margin-top: 10px;"> Possible patterns are described in detail on crontab.org.</div>	0 * * * *
services	<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 <code>nodejs</code> and <code>xuml</code> .	

	<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>processTraceAPIEntries</i>	Boolean	Determines if the BPaaS logs should be processed by the ETL service or not. <div style="border: 1px solid orange; padding: 5px; margin: 5px 0;">  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. </div>	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.