About Automic's SSiS Package Execution Action pack

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This Action Pack is intended to execute Microsoft SQL Server Integration Service (SSIS) Packages. The SSIS Packages must be deployed in the Integration Services Catalogs

Please note that SSiS only accepts request from Windows users which uses Windows Authentication. Please make sure that the the SQL Agent accordingly configured.

The Action Pack consists of two components

- Retrieve SSIS Environment information: Read from the SSIS Database the configuration parameters necessary to use the 'Execute SSIS Package' Action
- Execute SSIS Packages: Executes a SSIS package

Special thanks to Leonard Olteanu. This action based primarily on his input

Tested SSIS Version

The Action Pack is developed and tested with Microsoft SQL Server 2014

Setup

The Action Pack expects a Automic SQL Agent which is configured to use Window Authentication which is not the case by default.

My recommendation is to install the SQL Agent on the machine with runs the SSIS.

You have to configure 'PKG.CONN.SQL.SSISDB.WIN.AUTH' Connection object. The 'Test' button of the connection object might not work. It may fires always an error message.

Once the Connection object is configure you should call the Retrieve 'SSIS Environment information' Action.

It reads all information necessary for executing the SSIS Packages and is also a good test for the Automic Connection Object configuration.

Using the 'Retrieve SSIS Environment information' Action

The Action expects three parameter

Parameter	Description
Name of the SSIS Database	Name of the SSIS Database.
Automic SQL Agent	Name of the Automic SQL Agent to be used for the communication with SSIS
SQL CONNection Object	The name of the Automic SQL Connection object. You should keep the default 'PKG.CONN.SQL.SSISDB.WIN.AUTH'

Once the Action was executed, you find in the four Job reports of the name of the SSIS project, Folder, and Packages. The Environment is special since the SSIS Environment is often not used. If this is the case use NULL for the Environment name.

Using the 'Execute SSIS Packages'

The Action expects following parameters

Parameter	Description
SSIS Environment	Name of the SSIS Environment. If the SSIS environment is not used use as value NULL
SSIS Project	In order to avoid errors, use the result from the 'Retrieve SSIS Environment information' action (see Using the 'Retrieve SSIS Environment information' Action)
SSIS Package folder	The name of folders where the SSIS packages are located. In order to avoid errors, use the result from the 'Retrieve SSIS Environment information' (see above)
SSIS Package Name	Name of the SSIS package to be executed by the Action. In order to avoid errors, use the result from the 'Retrieve SSIS Environment information'
Dealing with SSIS package parameters.	The action can handle up to five different SSIS parameters. The field 'Parameter Type' specifies the data type of the parameter. There are two options. V for strings and R for numbers. The parameters are optional, just leave the field 'Parameter Name' empty. **Note:** The parameters are optional, just leave the field 'Parameter Name' empty
SSIS DB Name:	Name of the SSIS database. Use the name you might have used for the ''Retrieve SSIS Environment information' Action
SQL Agent for the SSIS communication	Name of the SQL Agent to be used for the communication with SSIS
SSIS Connection Object	The name of the SQL Connection object. You should keep the default 'PKG.CONN.SQL.SSISDB.WIN.AUTH'