

Accelerator - SQL Approval Hook

User Guide

Version	Description of change	Updated by	Date
Version 1		TS	May 2012

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1.0 Introduction

The SQL Approval Hook Accelerator can be used to automatically approve / decline a front office request depending on the result of a SQL statement.

It works for all Front Office systems from v6.00+

2.0 Installation & Configuration

Prerequisites:

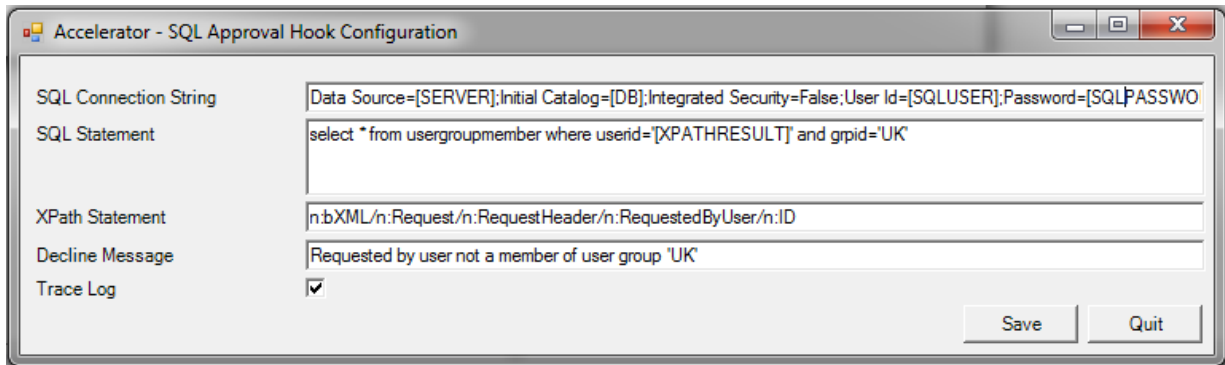
- IIS 5.1+
- Microsoft .NET Version 4, download here if required:
<http://www.microsoft.com/download/en/details.aspx?id=17718>

Note: If installing on IIS7 ensure that Role Services for 'IIS 6 Management Compatibility' is checked in Server Manager.

To install:

- log in on the target installation server with administrator privileges
- Extract the files from the zip file into a temporary folder
- Using Windows explorer open the temporary folder, then run setup.exe
- Click the next button
- Set the virtual directory (default AcceleratorSQLApprovalHook)
- Set the target application pool to the one that supports .Net 4
- Click the next button, then again to start the installation
 - Grant the account that the selected application pool runs under "Full Control" rights to: \inetpub\wwwroot\<selected virtual directory>\logs

An shortcut will be installed on the desktop “Accelerator - SQL Approval Hook Configuration”, double click on it and you’ll see a window like this:



SQL Connection String	Data Source=[SERVER];Initial Catalog=[DB];Integrated Security=False;User Id=[SQLUSER];Password=[SQLPASSWO]
SQL Statement	select * from usergroupmember where userid=[XPATHRESULT] and gpuid='UK'
XPath Statement	n:XML/n:Request/n:RequestHeader/n:RequestedByUser/n:ID
Decline Message	Requested by user not a member of user group 'UK'
Trace Log	<input checked="" type="checkbox"/>

Save Quit

For SQL connection string, replace the values in square brackets with the values required to connect to your SQL Server data source.

For SQL statement, enter the SQL statement to be used. [XPATHRESULT] is used to place the result of an XPATH query into the SQL statement. ****If the query returns any results the request will be approved, no rows will result in the request being declined****

For XPath query, enter the XML XPath query that will return the value used for the SQL statement, use “n:” to tag each element’s namespace. The query is run over the approval hook outbound xml that is received from Front Office (see ApprovalHookOutbound_600.xsd in the schemas folder).

For Decline Message, enter the desired text that will be attached to the request if it’s declined.

If trace log is checked the application will keep a log of all transactions in the logs folder. Not for use in production, just for debugging purposes.

3.0 Front Office Configuration

Configure an External System, Type Approval Hook, Version 6. URL will be:

<http://<server>/<selected virtual directory>/AcceleratorSQLApprovalHook.asmx>

Then build the approval hook into the approval of the desired request type.