

Self-Service SQL Tool for Timesheet

Journyx Timesheet™ provides a window into the critical time and expense data that determines if your company’s projects – and therefore your company itself – are profitable. Timesheet’s numerous built-in reports can tell you nearly everything you need to know to adjust your strategy for maximum profitability. But sometimes you need a very specific view, one even Journyx hasn’t thought of yet. And now you can get that view with the Self-Service SQL Tool for Timesheet.

The Self-Service SQL Tool allows Timesheet customers with in-house SQL expertise to write their own database queries and view the results of those queries as custom reports within Timesheet. Each of these reports has its own title, access settings, preferences, and even runtime parameters, making this tool a true DIY reporting kit for Timesheet.

The Self-Service SQL Tool includes samples, a database diagram, and database reporting advice documents to help novice SQL users produce an array of basic reports. However, for industrial strength output, Journyx recommends letting a professional SQL coder man the helm.

Self-Service SQL - Digging Deeper Into Your Data

The Self-Service SQL Tool works by scanning your Timesheet installation for files with the .pssql extension. Each of these files is presented as a custom report on the Custom Tools screen, which can be accessed from a link in the upper right hand corner of any Timesheet screen.

Total Project Hours Export

Export created on Monday, February 18, 2008.

Export	this file as text	
Save	this file at server location:	/home/andrew_scratch/s
Email	this file to address:	
Project Name		Hours
1A - Direct Projects - General:ASP		765.703333333
1A - Direct Projects - General:Licenses		0.13
1A - Direct Projects - General:Maint		1785.44666667
1A - Direct Projects - General:Prof Serv		352.0

Each Self-Service SQL report can be customized before being run. Runtime parameters are defined by the .pssql file that establishes the report. Once any such values are specified, the report is run and users may preview, export, or email the resulting report data just like any other Timesheet report.

Further, users with administrative privileges, such as Timesheet Administrators, also have access to Custom Tool Settings and Custom Tool Access pages where they can configure the Self-Service SQL reports, as well as specify which user roles may access each report.



Under the Hood with Files and Tags

The .pssql files that define Self-Service SQL Tool reports are simple flat-text files. These contain the SQL query that will generate the output of the report along with the name and title of the report and the title for each column that will be displayed. The Self-Service SQL Tool includes two sample .pssql files to get you started and provides details on how best to work with those files to generate your own custom reports.

Part of the magic of the Self-Service SQL Tool is its ability to use tags in your SQL that allow the users who are running reports to specify exact parameters for the report in question. So if Accounting only wants to see information on a specific Bill Type or if the PMO needs to review data relating to a particular range of Project IDs they can see what they need without having to slog their way through what they don't.

Better still, because of the tag approach, your SQL experts can build (and maintain) a smaller number of reports that provides a way for users to customize them at runtime rather than having to spend their time creating unique reports for each department.

Self-Service SQL Tool Availability and Pricing

The Self-Service SQL Tool is available to all customers using Timesheet 7.6 and later. Please contact your Journyx Sales Team representative at (800) 755-9878, extension 1 for Self-Service Tool pricing.