

Exploring SQL Server 2008 R2 Reporting Services

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Agenda

- SSRS 2008 R2 Improvements
- Exploring Improved Components
 - Report Manager
 - BIDS Report Designer
 - Report Builder 3.0
- Exploring Reusability
 - Report Parts
 - Shared Data Sets
- Exploring Enhanced Visualization
 - Spark Lines
 - Data Bars
 - Indicators
 - Map Integration
- Resources

SSRS R2 IMPROVEMENTS

SSRS 2008 R2 Improvements

- Improved Report Manager
 - Made over; looks more like a SharePoint 2010 site
 - Don't have to view report to go to properties
- Less cluttered report viewer
 - Top toolbar eliminated
- Improved Reusability
 - Shared Data Sets
 - Report Parts

SSRS 2008 R2 Improvements

- Lookup functions
- Aggregates of aggregates
- Section and Overall pagination
 - Overall paging
 - Globals!OverallPageNumber and Globals!OverallTotalPages
 - Section paging
 - Globals!PageNumber and Globals!TotalPages
- Improved Report Builder 3.0
 - More Office-like
 - Familiar tool for Power Users

EXPLORING IMPROVED COMPONENTS



Report Manager

Home - Report Manager - Windows Internet Explorer

http://localhost/Reports/Pages/Folder.aspx?ViewMode=Detail

SQL Server Reporting Services

Home

Search

Delete | Move | New Folder | New Data Source | Report Builder | Folder Settings | Upload File | Tile View

Type	Name ↓	Description	Last Run	Modified Date	Modified By
Folder	Data Sources			3/30/2010 7:33 PM	POSEIDON\Administrator
Folder	HR Reports			3/30/2010 7:33 PM	POSEIDON\Administrator
Folder	Sales Reports			3/30/2010 7:33 PM	POSEIDON\Administrator
Report	Salesperson Sales KPI - Indicator			3/30/2010 7:34 PM	POSEIDON\Administrator

- Move
- Delete
- Edit in Report Builder
- Subscribe...
- Create Linked Report...
- View Report History
- Security
- Manage
- Download...

Local intranet | Protected Mode: Off | 100%



BIDS Report Designer

Report Project1 - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Format Report Tools Window Help

Report Data

Products.rdl [Design]

Design Preview

Row Groups

Column Groups

Properties

Tablix Member

Data Only

DataElementName

DataElementOutput Output

Group

SortExpressions

Misc

ComponentMetadata

Other



Report Builder 3.0

The screenshot displays the Microsoft SQL Server Report Builder 3.0 application window. The main interface includes a ribbon with 'Home', 'Insert', and 'View' tabs, and a central workspace with a placeholder text 'Click to add title'. A 'New report or dataset' dialog box is open in the foreground, offering options to create a report, dataset, or use various wizards. The 'Report' option is highlighted, with a description: 'Display data from various data sources in tables, charts, and other formats.' Other options include 'Table or Matrix Wizard', 'Chart Wizard', 'Map Wizard', and 'Blank Report'. The 'Create' button is visible at the bottom right of the dialog. The background shows the 'Report Data' pane on the left and the 'Properties' pane on the right, which is currently displaying the 'Report' properties.

Report Builder 3.0

The screenshot displays the Microsoft SQL Server Report Builder 3.0 interface. The main window is titled "Untitled - Microsoft SQL Server Report Builder". The interface includes a ribbon with tabs for Home, Insert, and View. The Home tab is active, showing various toolbars for Run, Paste, Views, Clipboard, Font, Paragraph, Border, Number, Merge, Split, Align, and Layout. On the left, there is a "Report Data" pane with a tree view showing "Built-in Fields", "Parameters", "Images", "Data Sources", and "Datasets". The "DataSet1" folder is expanded, showing fields like ProductID, Product Name, Product Number, Color, Standard Cost, List Price, Size, Weight, etc. The central design area shows a report with a title "Click to add title" and a table with the following structure:

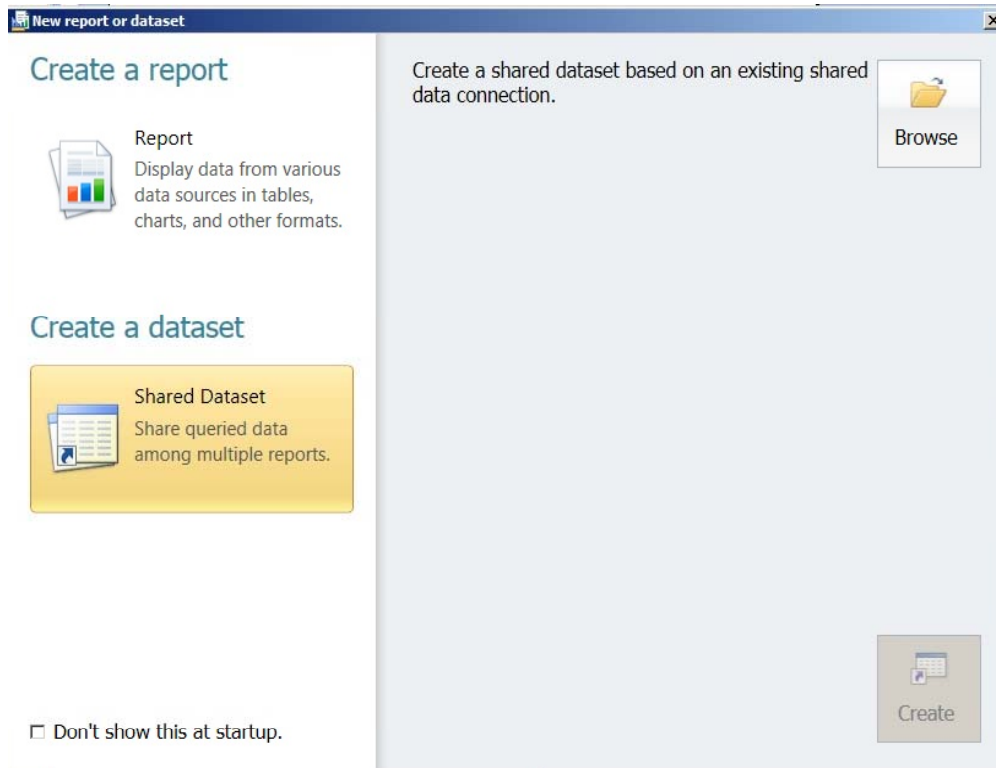
Product Cat	Product Nu	Product Na	Color	Standard C	List Price
[ProductCategory]	[ProductNumber]	[Product_Name]	[Color]	[Sum(StandardC	[Sum(ListPrice)
				[Sum(StandardC	[Sum(ListPrice)
Total				[Sum(StandardC	[Sum(ListPrice)

Below the table, there is a footer area with the expression `[&ExecutionTime]`. At the bottom of the design area, there are sections for "Row Groups" (containing "ProductCategory_Name" and "(Details)") and "Column Groups". On the right side, there is a "Properties" pane with a search box and a table with columns "Name", "Created by", and "Mod". The status bar at the bottom shows the current report server URL as `http://localhost/ReportServer` and the zoom level as 100%.

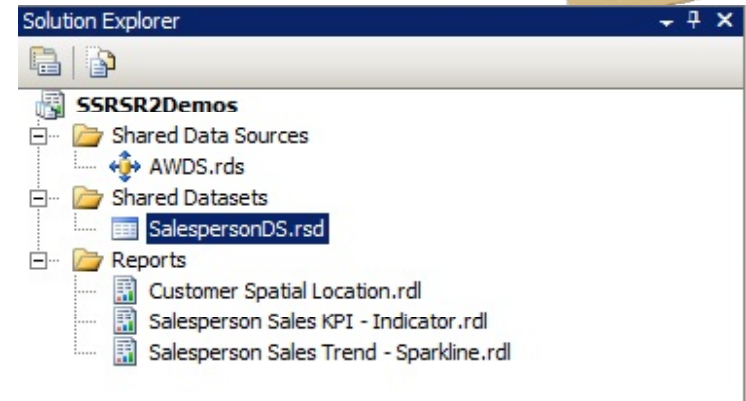
EXPLORING REUSABILITY



Shared Data Sets



Report Builder 3.0



BIDS Report Designer



Shared Data Sets

Report Manager

Home

SQL Server Reporting Services

Upload File

Upload a report (.rdl), model (.smdl), shared dataset (.rsd), report part (.rsc), or other resource into Home.

File to upload:

Name:

Overwrite item if it exists

SQL Server Reporting Services

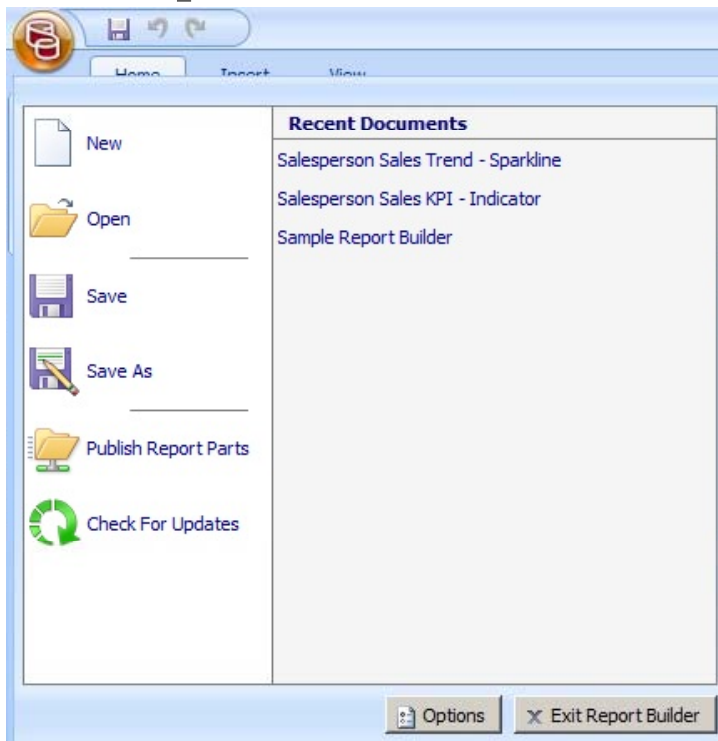
Home

<input type="checkbox"/>	Type	Name ↓	Description
<input type="checkbox"/>	Folder	Data Sources	
<input type="checkbox"/>	Folder	HR Reports	
<input type="checkbox"/>	Folder	Sales Reports	
<input type="checkbox"/>	Shared Dataset	SalespersonDS	

- Move
- Delete
- Edit in Report Builder
- View Dependent Items
- Security
- Manage
- Download...

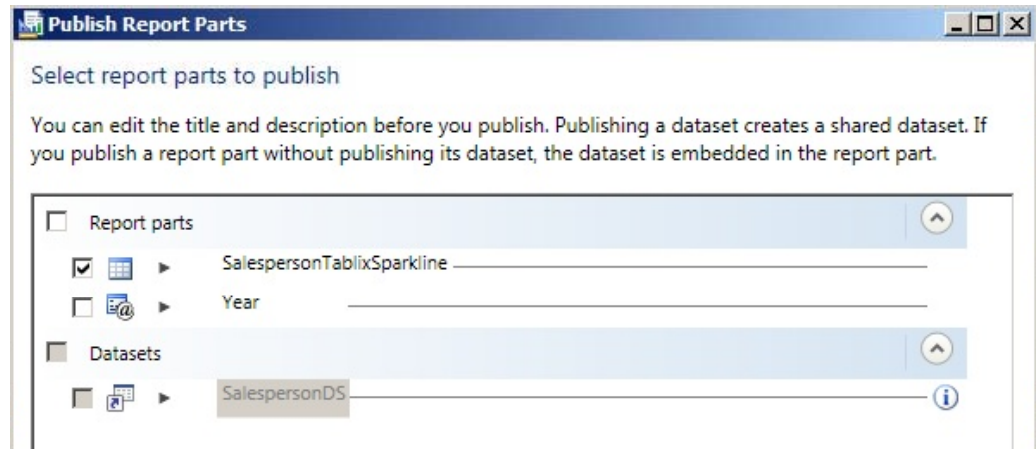
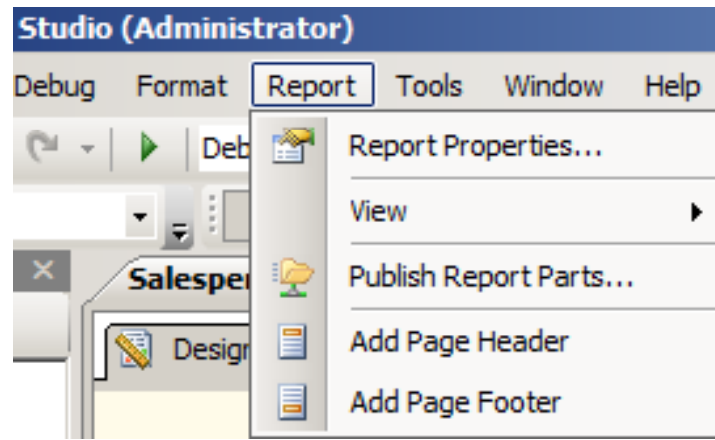


Report Parts



Report Builder 3.0

BIDS Report Designer





Report Parts

Report Builder 3.0

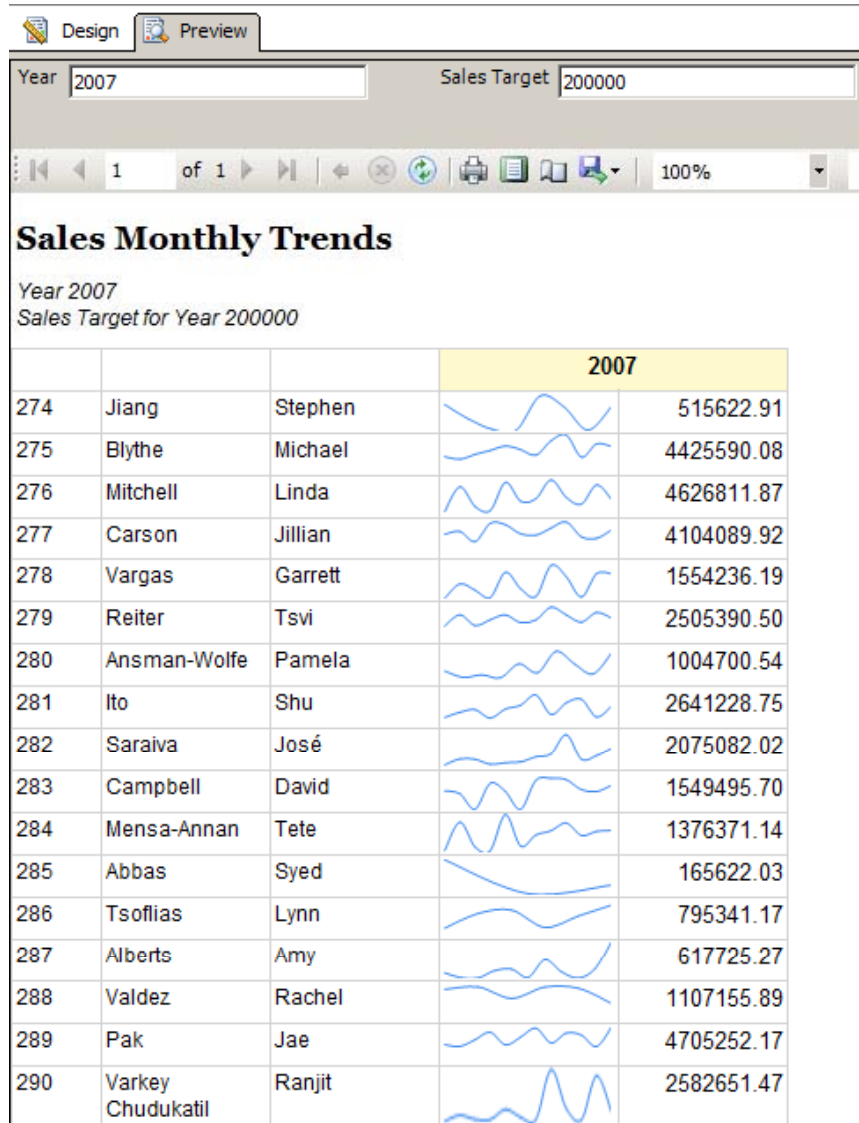
Name	Created by	Modified by
SalespersonTablixSparkline	POSEIDON\Ad...	POSEIDON\A

Report Manager

EXPLORING ENHANCED VISUALIZATION



Spark Lines





Indicators

Design Preview

Year: 2007 Sales Target: 200000 View Rep

1 of 1 100% Find Next

Sales Monthly KPIs

Year: 2007
Sales Target: 200000

		Target Range
0 to 200000		●
200000 to 220000		●
220000 and higher		●

			2007											
ID	Last Name	First Name	January	February	March	April	May	June	July	August	September	October	November	December
274	Jiang	Stephen		●		●	●	●		●	●	●	●	
275	Blythe	Michael	●	●	●	●	●	●	●	●	●	●	●	●
276	Mitchell	Linda	●	●	●	●	●	●	●	●	●	●	●	●
277	Carson	Jillian	●	●	●	●	●	●	●	●	●	●	●	●
278	Vargas	Garrett	●	●	●	●	●	●	●	●	●	●	●	●
279	Reiter	Tsvi	●	●	●	●	●	●	●	●	●	●	●	●
280	Ansman-Wolfe	Pamela	●		●	●		●	●	●	●	●	●	●
281	Ito	Shu	●	●	●	●	●	●	●	●	●	●	●	●
282	Saraiva	José	●	●	●	●	●	●	●	●	●	●	●	●
283	Campbell	David	●	●	●	●	●	●	●	●	●	●	●	●
284	Mensa-Annan	Tete	●	●	●	●	●	●	●	●	●	●	●	●
285	Abbas	Syed									●		●	●
286	Tsoflias	Lynn							●	●	●	●	●	●
287	Alberts	Amy		●	●	●	●	●	●	●	●	●	●	●
288	Valdez	Rachel							●	●	●	●	●	●
289	Pak	Jae	●	●	●	●	●	●	●	●	●	●	●	●
290	Varkey Chudukatil	Ranjit	●	●	●	●	●	●	●	●	●	●	●	●



Data Bars

Design Preview

Year 2007 Sales Target 200000

1 of 1 100% Find Next

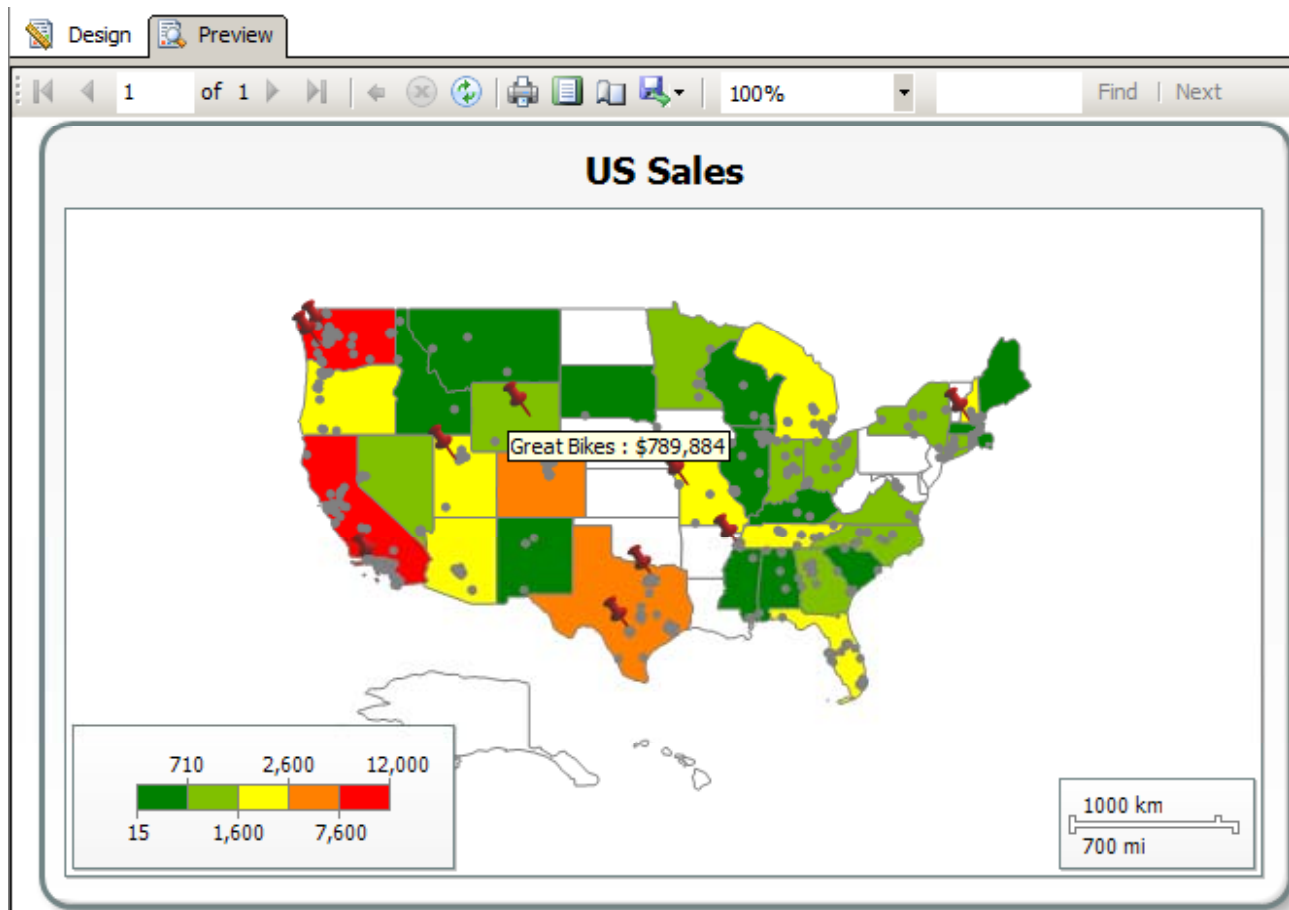
Sales Monthly Trends

Year 2007
Sales Target for Year 200000

			2007	
274	Jiang	Stephen		515,622.91
275	Blythe	Michael		4,425,590.08
276	Mitchell	Linda		4,626,811.87
277	Carson	Jillian		4,104,089.92
278	Vargas	Garrett		1,554,236.19
279	Reiter	Tsvi		2,505,390.50
280	Ansman-Wolfe	Pamela		1,004,700.54
281	Ito	Shu		2,641,228.75
282	Saraiva	José		2,075,082.02
283	Campbell	David		1,549,495.70
284	Mensa-Annan	Tete		1,376,371.14
285	Abbas	Syed		165,622.03
286	Tsofilias	Lynn		795,341.17
287	Alberts	Amy		617,725.27
288	Valdez	Rachel		1,107,155.89
289	Pak	Jae		4,705,252.17
290	Varkey Chudukatil	Ranjit		2,582,651.47



Map Integration



Source of Example: SQL Server 2008 R2 Developer Kit March 2010

RESOURCES

Resources

- SQL Server 2008 R2 Update for Developers Training Kit (April 2010 Update)
 - <http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=fffaad6a-0153-4d41-b289-a3ed1d637c0d>
- SQL Server Reporting Services Team Blog
- Books
 - Wrox SQL Server Reporting Services Recipes for Designing Expert Reports
 - Prologika SQL Server 2008 Reporting Services

GETTING HELP

SECRETS OF SQL SERVER MONTHLY WEBCAST SERIES










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#sqlhelp Search

Realtime results for #sqlhelp

-  sqlbelle Sharing data between stored procedures by Erland Sommarskog #sqlserver **#sqlhelp** <http://ow.ly/1fboG>
33 minutes ago from HootSuite
-  MladenPrajdic does anyone know if texts for execution plan property values and names are localized in non-english SSMS? **#sqlhelp**
about 10 hours ago from TweetDeck
-  SQLChicken @sqltech2 have you ran select @@servername and verified the name is correct? If not you'll need to rename <http://bit.ly/aY98C11> **#sqlhelp**
about 12 hours ago from TweetDeck
-  sqltech2 **#sqlhelp** I tried using IP, mapping drives and creating a backup device. Nothing works. Oh well Net guys will call Microsoft on Monday. :)
about 12 hours ago from web
-  sqltech2 @SQLsensei @SQLRockstar @anonymouse **#sqlhelp** Thanks everyone. I will leave it to the net guys. It's just dev so they aren't 2 critical
about 12 hours ago from web
-  SQLRockstar @sqltech2 are you using the full path? @@servername@@share? Wonder if you can create dump device... **#sqlhelp**
about 13 hours ago from bxt
-  anonymouse @sqltech2 tried referencing using the IP address? **#sqlhelp**
about 13 hours ago from TweetDeck

Trending topics

Search tip

Use :(- to find tweets with a negative or sad attitude. Example: `flight :(-` will find tweets containing "flight" and with a negative attitude.

Join the conversation

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idera™



THANK YOU

I will post answers to questions in my blog – sqlmusings.com
Did I get you twitter-curious? Follow me on twitter - [@sqlbelle](https://twitter.com/sqlbelle)
Want to contact me? donabel@blackninjasoftware.com

