InfoSphere Information Server

Importing text file metadata for Information Analyzer profiling



This presentation explains how to import metadata from a text file so it can later be profiled in Information Analyzer.

IBM

	IBM
Objectives	
 Configure data source name 	
 Configure data store and data connection 	
 Define table structure in QETXT.INI 	
 Import metadata 	
2 Importing text file metadata for Information Analyzer profiling	© 2011 IBM Corporation

The objectives of this presentation are to show the steps required to be able to profile a text file in Information Analyzer, referred to as IA. The presentation provides details on how to configure the Data Source Name, referred to as DSN, and using the IBM Text File ODBC Driver. Details on how to configure a Data Store and Data Connection within IA, and how to define the table structure in the QETXT.INI file are also included. Finally, this presentation describes how to import the metadata and how to profile the text file.



IA requires the Engine layer to have a valid ODBC Data Source Name connection with the text database. If the engine is installed in Windows, you can use the 32-bit ODBC Driver Manager to create the DSN. In UNIX and Linux platforms, you configure the DSN by editing the file \$DSHOME/.odbc.ini. First, add a line listing the DSN in the ODBC Data Sources section at the beginning of the file.

Next, add your entry for your text DSN. This slide shows an example text DSN. Make sure that the "Database" attribute in the DSN entry, points to the directory where the QETXT.INI and data file reside. The QETXT.INI file can be created either manually or using a wizard available in IA. Details of the QETXT.INI and data file are provided later in this presentation.

	TBM
Testing ODBC DSN for text database	
 UNIX and Linux - Test the DSN using the example program 	
\$ cd \$DSHOME	
\$/dsenv	
\$ cd/branded_odbc/example	
\$./example	
DataDirect Technologies, Inc. ODBC Example Application.	
Enter the data source name : inventory	
Enter the user name : DSN Created for Text Database	
Enter the password :	
Enter SQL statements (Press ENTER to QUIT)	
SQL>	
4 Importing text file metadata for Information Analyzer profiling	© 2011 IBM Corporation

Before using the DSN within IA, test your text database DSN connection to be sure it connects successfully. In Windows, you can test the DSN by using the "Test Connection" button. In UNIX and Linux platforms, you can test the DSN by running the example program included under the branded_odbc/example folder. Branded_odbc is one level up from \$DSHOME. Before you run this program, source the dsenv file. After invoking the example program you will have to provide the data source name, in this example it is "inventory". Press Enter for the user and the password. If the connection is successful, you will see an SQL prompt after entering the password. Press Enter at the prompt to exit the program. The example program must connect successfully before you can proceed to create the data source and analyze the data within IA.

Ade Clie	nfigure d data sou ck Home I	data source urce Pillar menu => C	within Info	Sources	na	lyzer	
BM.	InfoSphere Informs	Son Sawar File Edit	View Help				96
	NO PROJECT SELECTED	1 2 3 1 1 1	010300 B10			testUser - s	sawchuck.swg.usma.bm.com:
1	0000	41 4 4 W 1 K	. In mula				
MyHe	ome	Phy Home					(a) (a) (a)
Repor	rts						P (K) (P)
Metad	data Management						
Confie	o ration			 Working with the cor 	isole		
A	Viewing status Viewing status Working with notes Analyzing information Enabling Information S Analyzing data by usin	envices g rules		The IBM8 Infosphere ¹⁴ Infor framework to simplify the comp ⁴ IBM InfoSphere Information Se structure, and content of infor integration lifecycle by provide services, and operate schedul The primary means of navigabi available depend on the suite i	nation se letion of mation a ig worksp is and lo ng throug componen	view console integrates mugges sure components i information integration tasks. vides a collaborative environment that helps users's norse a wide variety of sources. The console support acts that you can use to investigate data, deploy ps. the workspaces is the workspace navigator. The and project that you are working with, You can in	to understand the meaning, rts the information applications and Web type of tasks that are reely navigate the console
				and select the suite component	ts. prote	ts, and tasks that you want to work with.	1
	Projects						
	Name	Description	Туре	Created		Last Activity	
	DEMO_IA	DEMO_IA	Information Analyzer	r 1/12/2011	6:14:48	3/16/2011 3:03:06	
	DataSourcesTest	DataSourcesTest	Information Analyzer	r 1/27/2011	5:19:06	1/27/2011 5:19:06	
			Select a pro	iect to see more details			
			or or other and the state of th	jeet to see more sectors			

To start analyzing your data in IA, create a data source to connect to your text database. To do this, open the IBM InfoSphere[®] Information Server Console, login with a user that has the Information Analyzer Data Administrator role and the DataStage[®] and QualityStage[™] Administrator role. Click the Home pillar menu and click "Sources" under "Configuration". This will allow you to define a connection to the database you want to analyze.

No Roule of Statistics Nome Sources Select Sources to Work With Sources Sources Connection Name Contact on I/28/2011 8:00:168 AM Good M	dsadm - sawchud: 5080 6	Aruba Connection Name Connection SavorBuck Connection Name SavorBuck Connection Name SavorBuck Connection SavorBuck SavorBuck Connection SavorB	No PROJECT SELECTED More and a select Sources to Work With Sources Name Connection Name Created On 1/28/2011 8:03:46 Reson Select Sources Name Connection Name Created On Select Sources Select Sources Sources	Modified 2011 8:04:33 2011 8:54:17	created On 1/28/2011 8:03:48 AM	Created On			0	diadm - sa	dsadm - sawchuck:9080 🤇
Select Sources to Work With Sources Select Sources Select Sources	Y Tasks Z ³ Tasks X V New Host Computer Copen Details There Costs Stores Update Source Connections	Vertical Sources Connection Name Created On Created Dy Last Modified Modified By Sources Vertical Sources Connection Name Created On Created Dy Last Modified Modified By Anuba 1/28/2011 8:03:46 AM Grant Computer Connection Name Created On Created Dy Connection Name Created On Created Dy Last Modified Modified By New Host Computer Connection Name Created On Created Dy Last Modified Modified By New Host Computer Connection Name 1/28/2011 8:03:46 AM Gadm 3/21/2011 8:04:5713 PM Isadmin Connection Name Statistic Service Statistic Service Statistic Service SawCHUCK 10/15/2010 1:10:51 PM Isadmin Statistic Service Source Connections Statistic Service Statistic Service Statistic Service	Sources to Work With Sources My Home Sources Sources Mane Connection Name Created On Aruba 1/28/2011 8:03:46 Secon	Modified 2011 8:04:33 2011 8:54:17	rces	created On			5 0		* × ×
My Home Sources Select Sources to Work With 7 Sources Connection Name Created On Created By Last Modified Modified By New Host O Barba 1/28/2011 8:03:48 AM doadn 1/28/2011 8:04:53 AM doadn Open Detail Connunsing.usma.bm.com 3/21/2011 8:04:15 PM isadmin 3/21/2011 8:04:17 PM isadmin New Units Connunsing.usma.bm.com 3/4/2011 2:44:50 PM isadmin 3/21/2011 8:54:17 PM isadmin Update Sou Bioconnus.reg.usma.bm.com 3/4/2011 1:04:105 PM isadmin Update Sou Update Sou	Y Tasks Z V New Host Computer Copin Details New Data Store Details New Data Store Details New Data Store Details	My Home Sources Select Sources to Work With aurces Tasks ame Connection Name Created On Created By Last Modified Modified By Aruba 1/28/2011 8:03-16 RM doadm 1/28/2011 8:03-16 RM Modified By Connol 3/21/2011 8:54-15 PM isadmin Open Details Concurs 3/21/2011 8:154-15 PM isadmin Modified By SawOHDCK 10/15/2010 1:10-55 PM dadmin 3/21/2011 1:48:36 PM Sources southbreeze 3/21/2011 1:48:36 PM testUser	My Hone Sources Sources to Work With Sources Name Connection Name Created On Trait/2011 8:03:44 Connection Name 17:28/2011 8:03:44 Discourses	Modified 2011 8:04:33 2011 8:54:17	Created On 1/28/2011 8:03:48 AM	Created On	ources			C Take	* × 2
Select Sources to Work With Tasks Sources			Select Sources to Work With Sources Name Connection Name Created On If 28/2011 8:03:46 4	Modified 2011 8:04:33 2011 8:54:17	Created On 1/28/2011 8:03:46 AM	Created On (CastelOn			(2) Tasks	(*) (* 2
Select Sources to Work With ✓ Tasks Sources ✓ Tasks New Hoot 1/28/2011 8:03:168 AMI deadm Modified By New Hoot New Hoot Open Deta	Y Tasks Z Tasks X V New Host Computer Open Details New Loss Scree, Update Source Connections	Select Sources to Work With Ources Tasks ources Tasks ane Connection Name Created On Created By Last Modified By New Hot Computer @ Andba 1/28/2011 8:03:48 AM doadm 1/28/2011 8:04:33 AM doadm Open Details @ cancun.swg.usma.bm.com 3/21/2011 8:14:15 PM isadim 3/21/2011 8:04:33 AM doadm Deate	Select Sources to Work With Sources Name ← Connection Name Created On ● ■ Aruba 1/28/2011 0:03:46 J Select Sources ● ■ carcon 5921/2011 0:03:46 J Select Sources	Modified 2011 8:04:33 2011 8:54:17	Created On 1/28/2011 8:03:48 AM	Created On 0				C Tarks	# × 2
© Select Sources to Work With Sources Name	Tasks New Host Computer Open Details New Host Computer Open Details New Data Score Details Update Source Connections	Select Sources to Work With ources Tasks same ▲ Connection Name Created On Created By Last Modified Modified By New Host Computer @ Anaba 1/28/2011 8:03:46 RM disadim 1/28/2011 8:03:46 RM Connection Name Created On Created By Last Modified Modified By New Host Computer @ anaba 1/28/2011 8:03:46 RM disadim 3/21/2011 8:64:17 PM Isadim Open Details @ cancun_swp.usma.bm.com 3/21/2011 9:54:15 PM isadim 3/21/2011 9:54:26 PM disadim Update Source Connections @ Southbreeze southbreeze 3/21/2011 1:46:36 PM testUser Update Source Connections	Sources Connection Name Created On Name → Connection Name Created On ▶ ■ canon >2721/2011 8:03:46 3212/2011 8:03:46	Modified 2011 8:04:33 2011 8:54:17	Created On 1/28/2011 8:03:48 AM	Created On 0	Created On Creat			C Tasks	2
Sources Tasks Name Connection Name Created On Created By Last Modified Modified By New Host S ■ Aruba 1/28/2011 8:03:48 AM deadm 1/28/2011 8:04:53 AM deadm Connection ■ Aruba 3/21/2011 8:04:55 PM Isadmin 3/21/2011 8:04:15 PM Isadmin Verv Data ■ cancun_swg.usma.bm.com 3/21/2011 8:04:15 PM Isadmin 3/21/2011 8:04:16 PM Update Soc ■ Cancun_swg.usma.bm.com 3/21/2011 1:04:105 PM Isadmin 3/21/2011 1:04:105 PM Update Soc	Tasks V Tasks V New Host Computer Open Details New Data Store New Data Store Update Source Connections	Connection Name Created On Created By Last Modified Modified By New Hold Computer # Anuba 1/28/2011 8:03:48 AM dsadm 1/28/2011 8:04:33 AM dsadm Open Details # Anuba 3/21/2011 6:51:55 PM isadmin 3/21/2011 6:51:755 FM dsadm New Hold Science @ cancun.systems.bm.com 3/2/2015:155 PM isadmin 3/22/157:055 FM dsadm New Hold Science @ SAWORLCK 10/15/2010 1:0:55 PM isadmin 3/2/21/2011 1:48:05 PM testUser @ southbreeze 3/21/2011 1:48:05 PM testUser 3/21/2011 2:24:22 PM testUser	Sources Name → Connection Name Created On * ■ Anuba 1/28/2011 8:03:46 4 1/28/2011 8:03:46 4 ▶ ■ canon 3/21/2011 8:05:415 F	Modified 2011 8:04:33 2011 8:54:17	Created On 1/28/2011 8:03:48 AM	Created On C	Created On Crea			Tarker	
Name Connection Name Created On Created Py Last Modified Modified By New Hold X ● Aruba 1/28/20118:03:16:03:16:03:16:03:16:03:16:03:16:03:16:03:16:03:16:03:16:03:16:03:16:03:16:03:10:03:16:03:17:04 doadm Open Deta ● Aruba 1/28/20118:03:16:03:16:03:16:03:16:03:10:0	y New Host Computer Open Details New Data Score Update Source Connections	ame Connection Name Created On Created On Created Py Lext Modified	Name ← Connection Name Created On • ■ Aruba 1/28/2011 8:03:48 # ▶ ■ cancun 3/21/2011 8:54:15 F	Modified 2011 8:04:33 2011 8:54:17	Created On 1/28/2011 8:03:48 AM	Created On (Created On Creat			Y Tasks	Tasks
■ # Aruba 1/22/2018.033-16.4M (deadm 1/22/2018.16.04-33 AM (deadm 1/22/2018.16.04-33 AM (deadm 1/22/2018.16.04-34 AM (deadm 1/22/20	Update Source Connections	Anuba 1/28/2011 8/03:46 AM (sadam 1/28/2011 8/03:34 M Users Canoun 9/21/2011 8/04:15 PM (sadam) 9/21/2011 8/04:34 M Users Canoun 9/21/2011 8/04:15 PM (sadam) 9/21/2011 8/04:34 M Users Canoun.swg.usma.bm.com 9/4/2011 2:44:50 PM (sadam) 3/21/2011 1:49:56 PM (sadam) Users SAWCHUCK 10/15/2010 1:10:51 PM (sadam) 3/21/2011 1:49:56 PM (textUser) Update Source Connections		2011 8:04:33	1/28/2011 8:03:48 AM		Created Off	ated On Created By	d By Last Modified Modified By	Modified By New Host Computer	New Host Computer
	Update Source Connections	Concun Syl212011 8:54:15 PM Isadmin Syl212011 8:54:15 PM Isadmin Syl212011 8:54:15 PM Isadmin Syl221011 8:54:15 PM Isadmin Syl221011 8:54:15 PM Isadmin Syl221011 1:46:36 PM Isadmin Syl221011 Isadmin Syl221011 Isadmin Syl221011 Isadmin Syl221011 Isadmin Syl221011 Isadmin Syl221011 Isadmin Syl221 Syl221 Syl22 Syl2 Syl22 Syl2 Syl22 Syl22 Syl22 Syl2 Syl2 Syl22 Syl2 Syl2	Cancun 3/21/2011 8:54:15 F	2011 8:54:17		1/28/2011 8:03:48 AM	1/28/2011 8:03:48 AM dsac	3/2011 8:03:48 AM dsadm	1/28/2011 8:04:33 AM dsadm	Cana Dekele	Court Data da
■ genurus.swg.usma.bm.com 3/4/2011 2:44:50 PM diadm 3/8/2011 5:47:05 PM diadm Update Soc D saturation 1/1/6/2011 1:10:61 20 M cardina 2/27/2011 1:06:20 M cardina 2/27/2011 1:07/2011 1:	Update Source Connections				3/21/2011 8:54:15 PM	3/21/2011 8:54:15 PM				dsadm Open Details	Open Details
SAW/54/CV 10/15/2010 1:10/51 PM Joseffiles		SAWORUCK 10[15[2010 1:10:51 PM isadmin 3/21/2011 1:40:36 PM testUser Isouthbreeze southbreeze 3/21/2011 1:40:36 PM testUser 3/21/2011 2:24:32 PM testUser	cancun.swg.usma.ibm.com 3/4/2011 2:44:50 PM	:011 5:47:05 P	3/4/2011 2:44:50 PM		3/21/2011 8:54:15 PM isad	/2011 8:54:15 PM isadmin	3/21/2011 8:54:17 PM isadmin	dsadm Open Details	Open Details
		G southbreaze Southbr	SAWCHUCK 10/15/2010 1:10:51	2011 1:48:36		3/4/2011 2:44:50 PM	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM dsad	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm	a 3/21/2011 8:54:17 PM isadmin 3/8/2011 5:47:05 PM dsadm	dsadm Open Details sadmin New Data Storm dsadm Update Source Connection Update Source Connection	Open Details
 g southbreeze southbreeze 3/21/2011 1:48:36 PM testUser 3/21/2011 2:24:22 PM testUser 			 I southbreeze southbreeze 3/21/2011 1:48:36 F 		10/15/2010 1:10:51 P	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 6	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM dsac 10/15/2010 1:10:51 PM isad	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm 5/2010 1:10:51 PM isadmin	a 3/21/2011 8:54:17 PM isadmin 3/8/2011 5:47:05 PM dsadm a 3/21/2011 1:48:36 PM testUser	dsadm Open Details sadmin Over Data Score Sadmin Details Score LestUser Update Source Connection	Open Details New Osta Store Deexe At Update Source Connections
				2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 6 3/21/2011 1:48:36 PM 6	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM dsac 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm (5/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	a 3/21/2011 8:54:17 PM isadmin 3/8/2011 5:47:05 PM dsadm a 3/21/2011 1:48:36 PM testUser er 3/21/2011 2:24:22 PM testUser	dsadm Open Details sadmin Imm Open Details sadmin Usestee Age testUser LestUser LestUser	Open Details Town Usis Store Update Source Connections
				2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 8 3/21/2011 1:48:36 PM 6	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM isad 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm (\$/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 8:54:17 PM Isadmin 3/8/2011 5:47:05 PM disadm 3/21/2011 1:48:36 PM testUser a)/21/2011 1:224:22 PM testUser	Sadm Dopen Details sadmin Terrer Und Sator Sadmin Undet Source Connection testUser	Coen Details New Data Store Been Update Source Connections
				/2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM c 10/15/2010 1:10:51 PM k 3/21/2011 1:48:36 PM c	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM dsa 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm 5/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 8:54:17 PM isadmin 3/8/2011 5:47:05 PM deadm 3/21/2011 1:49:06 PM testUser er 3/21/2011 2:24:22 PM testUser	dsadm Dopen Details sadmin New Data Store Sadmin Under Store Under Ka	Open Details
				/2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM c 10/15/2010 1:10:51 PM e 3/21/2011 1:48:36 PM t	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM dsav 10/15/2010 1:10:51 PM isad 3/21/2011 1:46:36 PM test	2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm 5/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 0:54:17 PM kadmin 3/8/2011 5:47:05 PM deadm 3/2/2011 1:47:05 PM deadm 3/21/2011 1:47:05 PM testUser 3/21/2011 2:24:22 PM testUser	Sadan Copen Details sadan There Data Sadan Useke Bource Connection textUser	Coon Details New Data Story Update Source Connections
				/2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM c 10/15/2010 1:10:51 PM c 3/21/2011 1:48:36 PM t	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM isad 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM isad	2011 8:54:15 PM isadmin 2011 2:44:50 PM disadmin 5/2010 1:10:51 PM isadmin /2011 1:48:36 PM bestUser	3/21/2011 0:54:17 PM isadmin 3/9/2011 5:47:05 PM isadm 3/21/2011 1:47:05 PM isadm 3/21/2011 1:47:05 PM testUser 3/21/2011 1:24:22 PM testUser	Sadm Dopen Details sadmin Sterr Data Sator Sadmin Undet Source Connection testUser LestUser	Open Details
				2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 8 3/21/2011 1:48:36 PM t	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM dsac 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm (5/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	a 3/21/2011 8:54:17 PM isadmin 3/8/2011 5:47:05 PM dsadm a 3/21/2011 1:48:36 PM testUser ar 3/21/2011 2:24:22 PM testUser	dsadm Open Details sadmin New Data Store dsadm Update Source Connection testUser	Open Details New Data Store, Deace Update Source Connections
				2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 6 3/21/2011 1:48:36 PM 6	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM dsac 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm 5/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	a 3/21/2011 8:54:17 PM isadmin 3/8/2011 5:47:05 PM dsadm a 3/21/2011 1:48:36 PM testUser ar 3/21/2011 2:24:22 PM testUser	dsadm Open Details isadmin Item Charlos Store disadm Uester HetUser LestUser	Open Details New Data Store Deace
				2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 6 3/21/2011 1:48:36 PM 6	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM isad 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm 5/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 8:54:17 PM isadmin 3/8/2011 5:47:05 PM dsadm 3/8/2011 5:47:05 PM testUser a 3/21/2011 1:48:36 PM testUser ar 3/21/2011 2:24:22 PM testUser	dsadm Dopen Details sadmin New Data Store, Descer Kg Sadm Update Source Connection testUser	Open Details Here: Data Storm, Update Source Connections
				2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 8 3/21/2011 1:48:36 PM 6	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM isad 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm 5/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 8:54:17 PM Isadmin 3/8/2011 5:47:05 PM disadm 3/8/2011 1:48:35 PM testUser ar 3/21/2011 2:24:22 PM	Sadan Dopen Details Sadan Terre Data Sadan Deater Hy Leature Hy Leature Connection Leature Leature	Coon Details New Data Store Center My Update Source Connections
				/2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 8 3/21/2011 1:48:36 PM 6	3/21/2011 8:54:15 PM sad 3/4/2011 2:44:50 PM dsa 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm 5/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 e:54:17 PM isadmin 3/8/2011 5:47:05 PM dsadm 0 3/21/2011 1:48:36 PM testUser er 3/21/2011 2:24:22 PM testUser	dsadm Dopen Details sadmin New Duta Store, Descer Ng LetUter LetUter LetUter	Coon Details
				/2011 2:24:22	10/15/2010 1:10:51 F 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM c 10/15/2010 1:10:51 PM k 3/21/2011 1:48:36 PM c	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM isad 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm (\$/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 8:54:17 PM isadmin 3/8/2011 5:47:05 PM dsadm 3/21/2011 1:49:06 PM testUser er 3/21/2011 2:24:22 PM testUser	dsadm Dopen Details sadmin New Kola Store Dence Kola Store Dence Kola Store Dence Kola Store Dence Kola Store Ligidate Source Connection Ligidate Source Connection	Open Details Here: Data Storm Debox Update Source Connections
				/2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM c 10/15/2010 1:10:51 PM k 3/21/2011 1:48:36 PM c	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM dsa 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm 5/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 8:54:17 PM isadmin 3/8/2011 5:47:05 PM deadm 3/21/2011 1:49:06 PM testUser er 3/21/2011 2:24:22 PM testUser	dsadm Dopen Details sadmin New Kola Store, User Ke Update Source Connection testUser	Open Details Here Data Store Details Update Source Connections
				/2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 6 3/21/2011 1:48:36 PM 6	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM isad 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm (\$/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 8:54:17 PM isadmin 3/8/2011 5:47:05 PM isadm 3/21/2011 1:49:06 PM testUser er 3/21/2011 2:24:22 PM testUser	dsadm Dopen Details sadmin New Kola Storn Sadmin Update Source Connection testUser	Geen Datals Here: Unit as Storm, Datase Update Source Connections
				2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM c 10/15/2010 1:10:51 PM i 3/21/2011 1:48:36 PM t	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM isad 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm 5/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 8:54:17 PM Isadmin 3/8/2011 5:47:05 PM ideadm 3/8/1/2011 1:48:36 PM testUser a 3/21/2011 1:2:24:22 PM testUser	dsadm Copen Details sodmin Terrer Coll Storm dsadm Uerer He LeetUser LestUser	Coen Details New Data Story Update Source Connections
				/2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 8 3/21/2011 1:48:36 PM 6	3/21/2011 8:54:15 PM sad 3/4/2011 2:44:50 PM dsa 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm 5/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 e:54:17 PM isadmin 3/8/2011 5:47:05 PM dsadm 0 3/21/2011 1:48:36 PM testUser er 3/21/2011 2:24:22 PM testUser	dsadm Dopen Details sadmin New Duta Store, Descer Hg Update Source Connection testUser	Copen Details New Data Store Details Update Source Connections
				/2011 2:24:22	10/15/2010 1:10:51 F 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 8 3/21/2011 1:48:36 PM 6	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM isad 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm (\$/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 8:54:17 PM isadmin 3/8/2011 5:47:05 PM isadm 3/21/2011 1:49:06 PM testUser er 3/21/2011 2:24:22 PM testUser	dsadm Dopen Details sadmin New Kola Store Sadm User Kola Source Connection LestUser	Gen Datals Here Unit a Store Deter Update Source Connections
				/2011 2:24:22	10/15/2010 1:10:51 F 3/21/2011 1:48:36 PM	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 8 3/21/2011 1:48:36 PM 6	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM isad 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	/2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm (\$/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 8:54:17 PM isadmin 3/8/2011 5:47:05 PM dsadm 3/21/2011 1:49:06 PM testUser er 3/21/2011 2:24:22 PM testUser	dsadm Dopen Details sadmin New Kola Store Dence Kola Store Dence Kola Store Dence Kola Store Dence Kola Store Ligidate Source Connection Ligidate Source Connection	Open Datals Here Unit a Store Deace Update Source Connections
				/2011 2:24:22	10/15/2010 1:10:51 P 3/21/2011 1:48:36 Ph	3/4/2011 2:44:50 PM 6 10/15/2010 1:10:51 PM 6 3/21/2011 1:48:36 PM 6	3/21/2011 8:54:15 PM isad 3/4/2011 2:44:50 PM dsa 10/15/2010 1:10:51 PM isad 3/21/2011 1:48:36 PM test	2011 8:54:15 PM isadmin 2011 2:44:50 PM dsadm (\$/2010 1:10:51 PM isadmin /2011 1:48:36 PM testUser	3/21/2011 0:54:17 PM isadmin 3/9/2011 5:47:05 PM isadm 3/21/2011 0:47:05 PM isadm 3/21/2011 0:24:22 PM testUser	Sadm Dopen Details sadmin Tierre Und Sator Sadmin Undet Source Connection testUser	Copen Details New Data Store Details Store Update Source Connections

When you enter the Sources screen, you will see a list of Host Computers hosting data sources. Look at the list of Host Computers under Sources. If you see the machine you want to connect to, select it and click "New Data Store". If this is the first time connecting to a machine and it is not in the list, click New Host Computer and provide the name of the new host. In this presentation we are using the host "SAWCHUCK."

Configure data	store	
 Enter name for dat 	a store and data connection	
 Select connector a 	nd provide database credentials	These fields are populated if the connection is successful
fine a Data Store:	Define a Data Connection:	Data Store Information:
st Computer:	Name: *	Store Type: *
WCHUCK	inventory	Database
ne: *	Short Description:	Database / Path:
ventory		/home/dsadm/inventory
ation Tool:	Long Description:	DBM5: *
		Text
ort Description:		Version:
em Inventory		01.00.0000
ng Description:		Creation Tool:
	ODBCConnector	
	Constant Data	
	Connection String:	
	Line Marca	
	User Name:	
	Password:	
	- assired.	
		Connect
7 Importing	text file metadata for Information Analyzer profiling	© 2011 IBM Corpora

Once you click "New Data Store", you are taken to the "Configure Data Store" screen. Here, you will provide the details IA needs to connect to the text file you want to analyze. Enter a name for the Data Store and the Data Connection. These names are references and do not need to match any existing resources. Then select the ODBC Connector from the Connector drop down list and select the DSN you want to connect to. Next, provide the database information. For the text database source, leave the User Name and Password fields blank. After you have entered the information, click the "Connect" button. This will validate the connectivity. If the connection is successful you will see the Data Store Information retrieved from the database. Click Save and Close. You are ready now to import metadata and start analyzing your data.

	IBM
Defining table structure - QETXT.INI	
 QETXT.INI Defines structure of text file Specifies attributes of all defined tables Overrides same attributes in .odbc.ini file 	
 Sample QETXT.INI Contents: [Defined Tables] items.txt=ITEM [ITEM] FILE=items.txt FLN=1 TT=Comma Charset=ANSI FIELD1=Item_ID,NUMERIC,2,0,8,0, FIELD2=Type,VARCHAR,20,0,20,0, FIELD3=Manufacturer,VARCHAR,20,0,20,0, 	
8 Importing text file metadata for Information Analyzer profiling	© 2011 IBM Corporation

In order to import metadata from a text file, a QETXT.INI file that defines the table structure must exist in the database directory. The QETXT.INI file can be created using a text editor and it must specify the attributes of all the defined tables. Any attributes specified in the ODBC.INI or a connection string, are overridden by settings in the QETXT.INI file.

This slide displays an example of a QETXT.INI file. This file defines the structure of the items.txt file, which is a sample data file that is used throughout this presentation. The QETXT.INI must be defined as follows:

Create a Defined Tables section which lists all of the tables you are defining. Specify the text file name followed by the name you want to give the table, for example:

items.txt=ITEM

Table names can be up to 32 characters in length and cannot be the same as another defined table in the database. This name is returned by SQLTables. By default, it is the file name without its extension. For each table listed in the Defined Tables section, you must specify the text file name, the table type, whether the first line of the file contains column names, and the delimiter character.

The line FILE=items.txt specifies the text filename is items.txt. The line FLN=1 specifies the first line contains the column names, if it does not then a 0 should be specified. To define the table type, specify how the fields are separated (comma, tab, fixed, or character). For example: TT=COMMA.

Then define the fields in the table, beginning with FIELD1. For each field, specify the field name, field type, precision, scale, length, offset (for fixed tables), and date/time mask. For example, FIELD1 is named Item_ID, it is of type NUMERIC, it has a precision of 2 and a length of 8.

	IBM
Sample text file	
Sample contents of items.txt file defined in sample QETXT.INI:	
"Item_ID","Type","Manufacturer"	
01,"Printer","Print Co."	
02,"Computer","ComputersRUs"	
03,"Phone","SmartPhone Inc."	
 First line contains column names 	
 First column of each row is NUMERIC length 2 	
 Second and third columns are VARCHAR(20) 	
9 Importing text file metadata for information Analyzer profiling	© 2011 IBM Corporation

This slide displays a sample of an ITEM text file as defined by the QETXT.INI file. The first line contains the column names: Item_ID, Type and Manufacturer. This was designated by the use of the FLN=1 in the QETXT.INI file. The remaining lines contain the data where the first column is a number and the second and third columns are varchar. The data file should reside in the directory pointed to by the "Database" attribute in the DSN.



If you do not have a QETXT.INI file or do not want to create it manually, IA provides a wizard to create the QETXT.INI file. To use the wizard, highlight the data source that you want to upload the flat file to. The data source must contain at least one schema. Click Identify Flat File from the task list on the right side of the workspace. After you click Identify Flat File, a wizard is displayed.

C. InfoSphere Information	Server Ele Edit View Help	- B &
	∲ >> # bJ ∾ü0 0	dsadm - sawchuck: 9080 😥
E	My Home Disport Metadata	A 81
Select Data Source to	work with	8
inventory		
Identify Flat File for Import Steps to Complete I. Locate File	Configuration Pile Location (QETXT.1M): (frame/disadh/inventory	
	Select File to Import	
	Name Logical Name Path Configured Rems.txt ITEM /home/dsadm/inventory ✓	
		In the second
		Cancel Previous Next. Finish #

In the Flat File Wizard, follow the steps to complete the task list on the left side of the screen. First, locate the file you want to import in the Select Flat File to identify workspace or click Add if you want to add a new flat file from a directory on your system. In this example, there is already one file named items.txt defined in the QETXT.INI and another file can be added. The wizard will update the existing QETXT.INI file with the new table. If a QETXT.INI file does not exist, it is created.

	IBM
Testing ODBC DSN for text database	
 UNIX/Linux - Test DSN using example program 	
\$ cd \$DSHOME	
\$/dsenv	
\$ cd/branded_odbc/example	
\$./example	
DataDirect Technologies, Inc. ODBC Example Application.	
Enter data source name : inventory	
Enter user name : DSN Created for	
Enter password :	
Enter SQL statements (Press ENTER to QUIT)	
SQL> select* from ITEM	
Item_ID Type Manufacturer Iable defined in QETXT.INI File	
1 Printer Print Co.	
2 ComputerComputersRUs	
3 Phone SmartPhone Inc.	
12 Importing text file metadata for Information Analyzer profiling	© 2011 IBM Corporation

Before attempting to import the metadata in IA, you can use the example program referenced earlier in the presentation to verify that the text file can be read using the QETXT.INI file. After connecting to the text database DSN, issue a select statement on the table defined in the QETXT.INI. In this example, it is the ITEM table. You will see the data in the items.txt file listed. If it appears to be correct, exit the example program by pressing Enter. If you are unable to connect to the DSN or view the data, there is a problem with either the DSN, the QETXT.INI file or the data itself. The example program must connect successfully before you can proceed to import the metadata and analyze the data in IA.

BM. InfoSphere Information Serv	/er Ele	Edit View Help	_			_	
NO PROJECT SELECTED	2 3 1 00	IL a los	0.61	0			dsadm - sawchuck:9080
	Multime De	1000					
9 Multime	Phy Phome 2 St	ources					
Reports							
Metadata Management						9	Tasks
C Import Metadata	Connection Name	Created On	Created By	Last Modified	Modified By		New Host Computer
Data Stores	CONTROCTOR INGINE	1/28/2011 8:03:48 AM	dsadm	1/28/2011 8:04:33 AM	dsadm		Open Details
Data Schemas		3/21/2011 8:54:15 PM	isadmin	3/21/2011 8:54:17 PM	isadmin		New Data Store
^o Tables or Files		3/4/2011 2:44:50 PM	dsadm	3/8/2011 5:47:05 PM	dsadm		Delete
Data Fields		10/15/2010 1:10:51 PM	isadmin	3/25/2011 2:13:02 PM	dsadm		
^o Data Classes	inventory	3/25/2011 2:13:02 PM	dsadm	3/25/2011 4:39:44 PM	dsadm		
^o User Classes	southbreeze	3/21/2011 1:48:36 PM	testUser	3/21/2011 2:24:22 PM	testUser		
Contacts							
Policies							
° Terms							
Global Logical Variables							
Configuration							
Sources							
^a Information Services Connections							
^o Master Data Services Registration							
9 Analysis Settings							
	9						

Once the QETXT.INI file and data file are created and the database configuration has been verified with the example program, proceed with the metadata import. Click the Home Pillar Menu, go to "Metadata Management" and then click "Import Metadata".

Select Data Sources My Home Sources Import Metadata Select Data Source to Work With Data Sources My Home Contains	I Schemas I Schemas I Schemas I Schemas			Vete al a constante constante constante a constante a constante a constante a	,		dsa	dsadm - sawchuck:908
Contains	k WRh Cortains Last Imported Alas Cortains Last Imported Alas Cortains Last Imported Alas Cortains Last Imported Alas Cortains Last Imported Last Imported Last Imported Last Imported L	6 6 4		🖂 🚺 🛅 🛛 🛛)		0.0	asaam - sawchuck soo
Sources Import Metadata Oata Source to Work With Tasks Data Source to Work With Tasks Data Sources Tasks Name Contains Aruba Ver Metadata Earoun sing usma.dm.com Contains Earoun sing usma.dm.com Earoun sing usma.dm.com Earoun sing usma.dm.com Earoun sing usma.dm.c	Phy Home Sources Import Metadata k With V Tasks Contains Last Imported Alas Contains Last Imported Alas I Schemas I Inport I Inport 1 Schemas I Inport I Inport	6 6 4	My Home Sources Import	Metadata				
My Home Sources Import Metadata Select Data Source to Work With Import Metadata Tasks Data Sources Import Metadata Import Metadata Name Contains Last Imported Alas Import Metadata Import Metadata Import Metadata Import Metadata Import Metadata	My Home Sources Import Metadata K With Contains Last Imported Contains Last Imported Alass Contains Last Imported Alass I Schemas I Schemas I Schemas I Schemas I Schemas I Schemas		My Home Sources Import	Metadata				
Select Data Source to Work With ✓ Tasks Data Sources ✓ Tasks Name Contains ▲ Last Imported Alas > ■ Ands ✓ Set Pre-Filter > ■ cancun ✓ Market Refe > ■ cancun ✓ Exercise Reference > ■ SANDACK ✓ Exercise Reference > ■ SouthOracy 1 Schemas ✓ > ■ SouthPrece 1 Schemas ✓	k WRh Contains Contains Last Imported Alas Contains Last Imported Last							
Obsta Source to Work With Tasks Data Source to Work With Image: Contains Last Imported Alas Cester Filter Name Contains Last Imported Alas Cester Filter Image: Contains Last Imported Last Imported Last Imported Image: Contains Image: Contains Image: Contains Last Imported Image: Contains Image: Contains Image: Contains Last Imported Image: Contains Image: Contains Image: Contains Last Image: Contains	k WRh K WRh Contains Last Imported Last Imported Last Imported Last Imported Last Imported Last Imported Last Imported Last Imported Last Imported Last Imported Last Imported Last Imported							
O stat Source to Work With Tasks Data Sources Item in the interval of	k With Contains A Last Imported Allas Contains A Last Imported A Allas A All							
Data Sources Takis Name Contains Last Imported Alas C Set Pre-Filter If Anba If anoun sing usma, bencom If anoun sing usma, bencom If schemas If inventory If schemas If sche	Contains Contains Contains Last Imported Alas Contains Contains Last Imported Alas Contains Vere Madadata Vere Madadatata Vere Madadata Vere Madadata Vere Madadatatata V	ect Data Source to Work W	With					
Name Contains Last Imported Allas C set Per-Riter > @ Anuba > @ anuun.segusma.tem.com > @ anuun.segusma.tem.com > @ anuun.segusma.tem.com	Contains ▲ Last Imported Allas C Set Pre-Filter Imported Allas / Were Motanta Identify Filter Identify Filter I Schemas Import I Import I Schemas Import	iources					□ Tasks	
Bandadata Vere Kaladata Vere Kalad	Vew Veradasta Vew Ver		Contains					
Image: Second Statute Image: Second Statute Image: Second Statute Image: Second Statute <t< td=""><td>I Schemas I Sche</td><td>ruba</td><td></td><td></td><td> Last Imported Al </td><td>Alias</td><td>C Set Pre-Filter</td><td>Filter</td></t<>	I Schemas I Sche	ruba			 Last Imported Al 	Alias	C Set Pre-Filter	Filter
▶ @ caroon.swg.usma.dom.com Udexty / sk Har > @ SAWOHUX Udexty / sk Har > @ SwWOHUX Udexty / HartLevel	I Schemas I Schemas I Schemas I Schemas I Schemas	+ (f) -=			 Last Imported Al 	Alias	C Set Pre-Filter	Filter Hedata
	1 Schemas 1 I Import Levin De Celete	incun			 Last Imported Al 	Alias	C Set Pre-Filter Vew Metadata Vew Data Sample Identify Elat Ela	Fitor Itadata Ita Sample Flat File
Impertory 1 Schemas 1 Insolt Insolt Impertory - Delete Impertory - Delete	1 Schemas I Import Ko 	ncun.swg.usma.ibm.com			- Last Imported Al	Allas	C Set Pre-Filter	Filter Itadata &a Sample Filat File • All Levels
Deliver/tory	- Delete	incun.swg.usma.ibm.com WCHUCK			Last Imported Al	Allas	C Set Pre-Filter	Filter Itadata da Sample Filat File All Levels
G southbreeze I Schemas	1 Schemas	ncun incun.swg.usma.lbm.com WCHUCK) inventory	1 Schemas		Last Imported Al	Alas	C Set Pre-Filter Verv Metadsta Verv Metadsta Identify Filt File Identify Filt Levels Identify Next Level Identify Next Level	Filter Kadata La Sample Filot File All Levels Next Level
		incun incun.swg.usma.lbm.com WCHUCK i inventory i Linventory	1 Schemas		 Last Imported Al 	Allas	C Set Pre-Filter Verer Metcadata Verer Metcadata Verer Metcadata Verer Metcadata Verer Verer Metcadata Verer Verer Verer Verer Levelt L	Filter Kadata Ka Sampie Filat File All Levels Next Level
		incun incun.swg.usma.lbm.com WCHUCK inventory i Linventory southbreeze	1 Schemas 		 Last Imported Al 	Alas	C Set Pre-Fiker Verse Metcadata Verse Metcadata Verse Under Sample Identify Plat File Identify Plat I levels Edentify Next Level I incont Delete	Fiter Itadiata Ea Sancin Fitat File Fitat Evelo Next Level
		incun.swg.usma.bm.com WCHUCK inventory inventory southbreeze	1 Schemas 		 Last Imported Al 	Alas	C Set Pre-Filter Veren Metcadata Veren Metcadata Veren Dida Sample Identify Pilte Tile Identify Next Level Delete	Filter Andria An Sample Filt File All Levels Next Levels
		incun.swg.usma.bm.com mcun.swg.usma.bm.com WCHUCK inventory inventory southbreeze	1 Schemas 		 Last Imported Al 	Abas	Set Pre-Filter View Metadata View Metadata View Metadata View Cala Sample Ledent/ Plat File Ledent/ View Level Ledent/ View Level Ledent Ledent	Filter stadsta Ka Saropin Fild File Al Levels Next Level
		incun swg.usma.bm.com mcun.swg.usma.bm.com WCHUCK inventory i inventory southbreeze	1 Schemas 		 Last Imported Al 	Abas	C Set Pre-Filter Veren Metcadata Veren Metcadata Veren Under Sample Lidentify Plat File Lidentify Net Lievel Lidentify Net Lidentify Net Lievel Lidentify Net Lidentify Ne	Filter Atadisa As Sample Filte File All Levels Next Levels
		ncun .swg.usmailbn.com Incun.swg.usmailbn.com WCHUCK I inventory I juventory I southbreeze	1 Schemas 1 Schemas		All	Allas	C Set Pre-Filter Set Pre-Filter Were Metadata Were Data Sample Identify Filt File Identify Rist Level Identify Next Level Delete	Filter Ataldata Ala Samplin Filter File All Levels
		ncun ncun-swg.usma.ibm.com wWCHUCK inventory i Minventory southbreeze	1 Schemas 		A Last Imported Al	Alas	C Set Par Filter S Ware Data Strendsha Vere Data Strendsha Vere Data Strendsha C Dentify Nat File Dentify Nature I Incomer Verendsha I Incomer Ver	Filter Hadda Ka Sancha Flat File Al Londo Nant Levels
		ncun .swg.usma.ibm.com Incun.swg.usma.ibm.com WCHUCK Inventory Inventory southbreeze	1 Schemas 1 Schemas		A Last Imported Al	Alas	C Set Par Filter Veren Meteodola Veren Meteodola Veren Data Scample Lidentify Plant Tile Control Longe Lidentify Next Level Lidentify N	Filter Hadda A Sanghe Flat File All Levels
		ncun ncun-swg.usma.ibm.com WCHUCK Inventory Isouthbreeze	1 Schemas 1 Schemas		A Last Imported Al	Abas	C Set Pro Fiber Set Pro Fiber Vera Data Sangle Identify Ref File Identify All Levels Clockify Next Level Constructions Levels Constructions Levels Constructions Levels Constructions Levels Constructions	Filter Haddaa Filte Tile All Levels
		ncun .swg.usma.ibm.com Incun.swg.usma.ibm.com WCHUCK I inventory I wentory I southbreeze	1 Schemas 1 Schemas		A Last Imported Al	Alas	C Set Par Filter Veren Methodola Veren Methodola Veren Data Scample Lidentify Plat File Control Lidentify Next Line Lidentify	Filter Hadda Ka Sanche Flat File All Levels
		incun.swg.usma.ibm.com wWCHUCK i inventory i Munentory i southbreeze	1 Schemas 1 Schemas		A Last Imported Al	Alas	C Set Par Filter Veren Metadota Veren Metadota Veren Metadota Veren Metadota Udentify Plat Tile Udentify Next Level I Incom I	Filter Holdsa Flat File All Levels
		incun.swg.usmailbri.com Incun.swg.usmailbri.com WCHUCK I WWCHOry I wwentory I southbreeze	1 Schemas 1 Schemas		All	Allas	C Set Par Filter Veren Metradata Veren Metradata Veren Data Sample Identify Filte Tile Identify Rist Tile Identify Next Level I Income Delete	Filter stadista filst File All Levels Next Levels
		ncun .swg.usmailbn.com Incun.swg.usmailbn.com WCHUCK I inventory I juventory I southbreeze	1 Schemas 1 Schemas		All	Allas	C Set Pre-Filter Set Pre-Filter Were Metadata Were Data Sample Identify Filt File Identify Rist Level Identify Next Level Delete	Filter Andrika Ra Samplin Filter File All Levels Next Levels
		incun .swg.usma.lbm.com WCHUCK inventory inventory	1 Schemas		 Last Imported Al 	Akas	C Set Pre-Filter Veren Metchadeta Veren Outer Sample Identify Filte Tile Identify Next Level Identify Next	Filter Kadata Ita Sangin Filt File All Levels Next Level
		incun incun.swg.usma.lbm.com WCHUCK inventory inventory	1 Schemas		All	Alas	C Set Pre-Filter Verwinderdatsa Verwinderdatsa Identify Filter Identify Next Level I Import Desire	Filter Radata Ea Sample Filat File All Levels Next Level
G southbreeze I Schemas	1 Schemas	ncun incun.swg.usma.lbm.com WCHUCK inventory	1 Schemas		Last Imported Al	Alias	C Set Pre-Filter Verw Metadata Verw Metadata Identify Filt File Identify Filt Izeels Identify Net Level Identify Net Level Identify Net Level	Fiter Radista Ra Sample Plat File All Levels Next Level
b 🕼 southbreeze 1 Schemas	1 Schemas	incun swg.usma.ibm.com WCHUCK	1 Schemas		Last Imported Al	Alas	C Set Pre-Filter Verw Metadota Verw Metadota Identify Filte File Identify All Levels Identify Nat Level Identify Ident Level	Filter tadata ta Sample Filat File All Levels Next Level
Delete Delete ▶ @ southbreeze 1 Schemas	Delite	incun.swg.usma.lbm.com WCHUCK			Last Imported Al	Allas	C Set Pre-Filter Vere Metadata Vere Data Sample Identify Filst File Identify All covels Clarify Not Level	Filter Itadata Ita Sample Filat File Mil Levels
I schemas I schemas I schemas I schemas	1 Johnson Diefer	incun incun.swg.usma.ibm.com			Last Imported Al	Allas	C Set Pre-Filter Verw Metadata Verw Data Sample Identify Filsk File Identify All Levels	Filter Itadata Ita Sample Filat File All Levels
Impertory 1 Schemas 1 Insolt Insolt Impertory - Delete Impertory - Delete	1 Schemas 1 Import 46 	ncun.swg.usma.ibm.com			- Last Imported Al	Allas	C Set Pre-Filter	Filter Kadata Ka Sanple Filat File All Levels
○ @ invectory 1 Schemas 1 Invectory ○ @ invectory - 1 Schemas ○ @ southbreeze 1 Schemas 1 Schemas	1 Schemas 1 Identify Mark Level & 1 Identify Mark Level & Control	ncun Incun.swg.usma.ibm.com			← Last Imported Al	Alias	C Set Pre-Filter	Fiter Cadata Ea Sample Flat File
SMORUCK SMORUCK Softwartory S	I Schemas I import best - Delate I Schemas	ncun			← Last Imported Al	Alias	C Set Pre-Filter Verw Metadata Verw Data Sample Identify Flat File	Filter Kadata La Sample Filat File
Subscription	1 Schemas Coded Visit Code Code Code Code Code Code Code Code	incun			▲ Last Imported Al	Alias	C Set Pre-Filter	Fiter stadata sta Sample
Image: Second Secon	1 Schemas 1 Identify All Levels 				 Last Imported Al 	Allas	C Set Pre-Filter View Metadata View Data Sample	Fiter Redata La Sample
▶ @ cancut.swg.usna.bm.com Udentify All Levels ♥ @ SAWORDOV 1 Schemas ♥ @ southbreeze 1 Schemas ▶ @ southbreeze 1 Schemas	I Schemas I I I Schemas I I I Schemas I I I Schemas I I I I Schemas I I I I I Schemas I I I I I I I I I I I I I I I I I I I	- 11 m			 Last Imported Al 	Alias	C Set Pre-Fiker	Filter Hedata
Image: Second Secon	I Schemas I Sche				 Last Imported Al 	Alias	C Set Pre-Filter	Filter
Image: Second Statute Image: Second Statute Image: Second Statute Image: Second Statute <t< td=""><td>Schemas Schemas Schemas Schemas Schemas Schemas Schemas Schemas Schemas</td><td>ruba</td><td></td><td></td><td>- Last Imported Al</td><td>Alias</td><td>c Set Pre-Filter</td><td>Filter</td></t<>	Schemas Schemas Schemas Schemas Schemas Schemas Schemas Schemas Schemas	ruba			- Last Imported Al	Alias	c Set Pre-Filter	Filter
▶ il cancun Vere Clai Sancie ▶ il cancun.segusma.tem.cem Identify File File > il Schemas Identify File File > il wirentory 1 Schemas > il schemas Impolt > il schemas Impolt	Vere Data Sexple Identify File Identify File Identify Ret Levels Identify Ret Levels Identify Ret Level Iden	uba			 Last Imported Al 	Alias	c Set Pre-Filter	Filter
Banda Ver Fallsbal Ver Fa	Schemas	100	SUM RUE D	-	All Ast Imported All All	Allac	r Set Pre-Filter	Filter
	Solemas		Contains					
Termina Decision Decision Decision	Contrative C		Contains		1			
Name Contains Last Imported Alas C Set Pre-Riter ■ Aruba ■ Granun-swg.usma.dm.com 	Contains Last Imported Allas Contains Year Deta data	ources					V Tasks	
Name Contains Last Imported Alas C Set Pre-Filter [®] B Aruba [®] B Aruba [®] Were Gas Susple [№] Were Gas Susple [®] B Aruba [®] B Aruba [®] B Aruba [®] Were Gas Susple [®] B Aruba [®] SumoHLOK [®] User Gas Susple [®] User Gas [®] B SAMOHLOK [®] SumerSory [®] SumerSory [®] User Gas [®] B SouthPrecee [®] SumerSory [®] SumerSory [®] User Gas [®] B SouthPrecee [®] SumerSory [®] User Gas [®] User Gas	Contains A Last Imported Alas C Set Pre-Filter Vere Metadata Vere Verdadata Vere Verdadata Vere Verdadata Vere Verdadata Vere Verdadata Vere Verdadata Vere Verdadata Vere Verdadata Vere Verdadata Verdadata Vere Verdadata Verdadata Vere Verdadata Ver	iources					🖓 Tasks	
nume Contains Last imported Asis C set Perform > ■ Ands > ■ cancun. > Went Metadata > Went Metadata > ■ cancun.swg.usma.bm.com > ■ cancun.swg.usma.bm.com > ■ Contains > ■ Contains > ■ Cancun.swg.usma.bm.com > ■ SAMPOLIX > ■ Contains > ■ Contains > ■ SAMPOLIX > ■ Contains > ■ Contains > ■ Contains > ■ Southbreace 1 Schemas 1 import Collete	Loncarias A Last imported Alas C set re-re-re- Vem Metadala Vem Metada	sources	Contains				😨 Tasks	
Data Sources Tasks Name Contains Last Imported Allas C Set Pre-Fiker > @ Anuba > @ concurse > Were Madatata > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse > @ concurse	Contains Last Imported Alas C Set Pie-Filter I Schemas - Last Imported Alas C Set Pie-Filter I Schemas - - - -	ect Data Source to Work W	With					
>	DHUCK ventory]inventory iuthbreeze	ect iou	Data Source to Work rces	Data Source to Work With rccs Contains	Data Source to Work With rces	Data Source to Work With rces	Data Source to Work With rces	Data Source to Work With

Select the path under the previously defined Data Store. Click Identify Next Level. Upon completion, click OK, and expand the path node to see all discovered files and tables.

My I	⇒ ∞ 25 J 04	· · ii ti 0				dsadm - sawchuck:9080
Alir Ar	→ Ø B ₁ ↓ P	000				dsadm - sawchuck:9080
All Myl	w ll the line of line					
My I						
	Home Sources Import Me	stadata				
						# X
to Work With						8
					Tasi	ks
	Contains		- Last Imported	Alas	C Set P	re-Filter
					A View	Metadata
					View	Data Sample
m.com					Iden	tify Flat File
					Iden	tify Next Level
	1 Schemas				I impo	a he
	1 Tables or Views				Delet	te
				1		
	1 Schemas					
b	ce to Work With	Certo Work With Contains Contains Ubm.com I Schemas I Tables or Views I Schemas I Schemas	Certo Work With Contains Ubm.com I Schemas I Tables or Views I Schemas I Schemas	ce to Work With Contains Conta	ce to Work With Contains Contains Contains Last Inported Alas	ce to Work With Contains Task Contains Last Imported Alas 2 Set 1 Jam.com 1 Schemas 1 Schemas<

Keep the selection of all the discovered files and tables. Click "Identify Next Level" to continue to discover columns. Upon completion, click OK.

mr				
111	port metadata			
_				
Se	elect files/tables to in	nport	metadata	
-				
Cli	ick "Import"			
-	ien imperi			
_				
-	LateCabase Information Conner			
DI	 IntoSphere Information Server 		a Field Internet Adams	
		De	e Ege New Beb	
0	NO PROJECT SELECTED	Dec	e For New Beb	dsadm - sawch
			*	dsadm - sawch
	E B B B	• → e	* 12 1 P 11 C P	dsadm - sawch
OME		→ e My Home	© Cox yew gep Ø Jeb J 0×* JJ Ci @ 1 Import Metadata ∕	dsadm - sawch
COME		P → € My Home	Cox per per Cox per	dsadm - sawch
COME	Select Data Source to Work With	P → € My Home	Car yow you goo	dsadm - sawch
	No MORET SELECTED	P → C My Home	Cox Dev Dep Import Metadata Import Metadata Prished	dsadm - sawch
KOME	Select Data Source to Work With Data Sources	My Home	Car yew geo Car y	diadm - sawch
KOME	Select Data Source to Work With Data Sources Name Ando	My Home	Cox yew yee	dadm - sawch
	AD MOJECT SELECTED Select Data Source to Work With Data Sources Name Anba Select Data Source to Work With	My Home	Concerning of the second seco	dsadm - sawch
	Select Data Source to Work With Data Sources Name Canon Construction Construction	My Home	Cox yew yeb Cox yew yeb Cox yew yeb Cox yeb C	diadm - sawch V Tasks C Sct Pr-Filter Z Voor Metadata Jacody Plat File
OME	Select Data Source to Work With Data Sources Name Aruba Concor Sources	Ny Home Cont 1 Sc	Concernent of the second of t	dsadm - sawch
ROME	Select Data Source to Work With Data Sources Name Cances Name Cances Sources	My Home Cont 1.5c	Concernent of the second seco	diadm - sawch
	Ao PROJECT SELECTED AD PROJECT SELECTED Select Data Source to Work With Data Sources Auba Auba Auba Good G	My Home Cont 1.5< 0.5c 0.5c	Cot Detro Detro Import Metadata Import Metadata Import Metadata Import Metadata	Taeks C Set Pro-Piller C Set Pro-Piller Identify Plat File Identify Plat File
	Select Data Source to Work With Data Sources Name Select Data Source to Work With Data Sources Same Concon Select Data Source to Work With Data Sources Same Concon Select Data Source to Work With Data Sources Select Data	My Home Cont 15 05 15	Concernent of the second seco	dadin - sawch Tasks C Set Pro-Piter View Metadata View Metadata Metelly Plat File Identify Film - voel Metelly File - voel
COME I	AD PROJECT SELECTED AD PROJECT SELECTED Select Data Source to Work With Data Sources Anne Good Sources Sources Good Sourc	My Home Cont 1.5× 0.5× 1.5×	Cox Detro Detro Import Metadata Import Metadata Import Metadata Imported Table or View ITEM	Tacks C Step-Pile St
CME	Ao MOJECT SELECTED Ao MOJECT SELECTED Select Data Source to Work With Data Sources Auba Garda	Con My Home 15 05 05 15 15	Concernent	Tasks C Set Pro-Piter Verwerktedata Verwerktedata Identify Piter Identify Piter Verwerktedata
CME	AD PROJECT SELECTED AD PROJECT SELECTED Select Data Source to Work With Data Sources Name Government	Cont My Home Cont 1 Sc 0 Sc 0 Sc 1 Sc 1 Sc 1 Sc 1 Sc 1 Sc	Con Views	diadm - sawch
OME	AD PROJECT SELECTED AD PROJECT SELECTED Select Data Source to Work With Data Sources Aruba Aruba Ganon G SAVELE Ganon G SAVELE Ganon G SAVELE Ganon G Canon	Other Other My Home 0 15 0 15 1 15 1 15 1 15 1		Tasks C Set Pro-Piter View Metadata View Metadata Identify Pitat File Identify Pitat File
	Select Data Source to Work With Data Sources Name Concurrent Concur	Con My Home Con 15% 15% 15% 15% 15% 15% 15% 15%	Concernent Concernent Import Metadata Import Metadata	diadm - sawch

Select the files and tables whose metadata you want to import, then click "Import". You will see an Import Metadata dialog box showing the tables that were imported. Click OK to confirm.

								i cu				
RM.	InfoSobere Informa	tion Server		File Edit	View	Help						0.0
PATR	NO PROJECT SELECTED	*	_	De for	Dem	Geb	-			_		dsadm - sawchuck:9080
Ĵ	1 6 6	14	20		60	03 0	010	3				
OME			My Home	Sources	s Impo	rt Metadata						
ILL												(A) X
	Select Data Source	e to Work W	/ith									8
	inventory											
	View Metadata of Tai	bles or Files										* i × *
81	n Shows details about the columns and tables in your imported metadata.											
	-											
	Files											V
11	Name	Columns	Sequence	Data Type	Length	Precision	Scale	Nullability	Primary Ker	Foreign Ker		
	ITEM	3							-			
	• Item_ID		1	DECIMAL		0	0	Yes				
	Manufacturer		3	STRING	20			Yes				
	- TAbe		6	STRANG	20			165				

After completing the import, the metadata can be viewed. Ensure that the Column names and types match what was defined in the QETXT.INI file. At this point, you can open a project, import the data source into the project and run column analysis on the data source.

Trademarks, disclaimer, and copyright information

IBM, the IBM logo, ibm.com, DataStage, InfoSphere, and QualityStage are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of other IBM trademarks is available on the web at "<u>Copyright and trademark information</u>" at http://www.ibm.com/legal/copytrade.shtml

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Windows, and the Windows logo are registered trademarks of Microsoft Corporation in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Other company, product, or service names may be trademarks or service marks of others.

THE INFORMATION CONTAINED IN THIS PRESENTATION IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. WHILE EFFORTS WERE MADE TO VERIFY THE COMPLETENESS AND ACCURACY OF THE INFORMATION CONTAINED IN THIS PRESENTATION, IT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. IN ADDITION, THIS INFORMATION IS BASED ON IBM'S CURRENT PRODUCT PLANS AND STRATEGY, WHICH ARE SUBJECT TO CHANGE BY IBM WITHOUT NOTICE. IBM SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES ARISING OUT OF THE USE OF, OR OTHERWISE RELATED TO, THIS PRESENTATION OR ANY OTHER DOCUMENTATION. NOTHING CONTAINED IN THIS PRESENTATION IS INTENDED TO, NOR SHALL HAVE THE EFFECT OF, CREATING ANY WARRANTIES OR REPRESENTATIONS FROM IBM (OR ITS SUPPLIERS OR LICENSORS), OR ALTERING THE TERMS AND CONDITIONS OF ANY AGREEMENT OR LICENSE GOVERNING THE USE OF IBM PRODUCTS OR SOFTWARE.

Copyright International Business Machines Corporation 2011. All rights reserved.

© 2011 IBM Corporation