Chapter 1 - Getting Started

Mentoring System Requirements And Initial Setup

- Workstation for each participant
- Installed Ascential Client Applications (DataStage Administrator, Designer, Manger and Director)
- Mark Installed SQL Query tool (i.e. Toad, SQL Plus, SQL Query Analyzer...)
- Read access to the HRDMO database. Note: the database is named HRMS88 in this guide.
- Read/Write access to target database. The mentoring assignments will create and populate tables in this database. It is recommended that a new database be created for exclusive use by the mentoring participants. Note: the database is named ASCL_Mentoring in this guide.
- set User id's and passwords to access these databases.
- And ODBC connections to both databases.
- Each participant should have R/W access to a common, shared network folder. This will be used for sharing files with participants.
- Mhiteboard

If you are using this mentoring guide as a self-study exercise, please copy the Mentoring_Routines.dsx file that came with this mentoring document to your C:\temp folder. This file will be required in one of the exercises.

NOTE: This mentoring guide uses the HRMS 8.8 demo database as the source database.

Mentoring Syllabus

Session 1:	Chapter 1 - Getting Started
	Chapter 2 - Create A Job
Session 2:	Chapter 3 - Transformers And Lookups
Session 3:	Chapter 4 - Complex Lookups
Session 4:	Chapter 5 - Surrogate Ids
	Chapter 6 - Job Sequencers
Session 5:	Chapter 7 - Environment Variables
	Chapter 8 - Performance Tuning Using Hash Files
Session 6:	Chapter 9 - Performance Tuning Using Multiple Transformers
	Chapter 10 - Performance Tuning Using InterProcess Stage
	Review

For additional information on Ascential tips and techniques: AscentialTM Developer Net http://developernet.ascential.com

Independent community for the products and strategies that surround the Ascential Data Integration Suite <u>http://www.dsxchange.com</u>

Creating Your Mentoring Project

Creating A Project

- 1. Open DataStage Administrator.
- 2. Enter your system's Host System Name, User Name and Password and then click on the OK button.

Jser name:	OK
Jser name:	
🗖 🖸 🖂 👘 🗌	Cancel
	<u>H</u> elp
Password:	

3. Click on the Projects tab.

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CPU Count :	<u>NL</u> 5	
16 (15 Available)		
	- Inactivity timeout	
Expiration Date :		
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4. To create your own mentoring project, click on the Add button.

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HR88Conversion		<u> </u>
	Properties	
	NLS	
	Command	
Project pathname:		

5. To keep your work separate from your co-workers, enter "AA_Mentoring" in the Name field where AA are your initials. Do not change any of the other default values. Click on the OK button.

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AA_MENTORING		Cancel
.ocation on .:		<u>H</u> elp
C:\Ascential\DataStage\Projects\AA_MEN	NTORING	
Create protected project	Browse	

You should now see your mentoring project listed along with the other delivered projects.

	<u>_</u>
A_MENTORING	<u>Add</u>
	Delete
	Properties
	NLS
	Command

Modify Project Properties

1. Highlight the project name and click on Properties.

A_Mentoring B881S	Add
R88JS_Test	<u>D</u> elete
	Properties
	NLS
	Command
viect pathname:	

2. Under the General tab check off the boxes for Enable Job Administration In Director and for Auto-purge Of Job Log.

🍃 Project Properties\Af	A_Mentoring	×
General Permissions Irac Image: Enable job administration Image: Enable Runtime Column Image: Auto-purge of job log Auto-purge action Image: Operation Image: Operation	cing <u>S</u> chedule <u>Mainframe</u> <u>Tunables</u> <u>Parallel</u> <u>Sequence</u> n in Director Propagation for Parallel Jobs	OK Cancel <u>H</u> elp
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Using A Project

To create jobs in your new mentoring project you will need to use DataStage Designer.

1. Open DataStage Designer.

- 2. Attach to the project you will use for mentoring by:
 - a) Entering your system's Host System name, User Name and Password.
 - b) From the Project drop down list select your mentoring project.

c) Click on the OK button.

	•	OK
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Your project will now be opened in Designer. In the next chapter we will cover creating a job using Designer.

