

Chapter 1 - Getting Started

Mentoring System Requirements And Initial Setup

- ✍ Workstation for each participant
- ✍ Installed Ascential Client Applications (DataStage Administrator, Designer, Manger and Director)
- ✍ 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.
- ✍ User id's and passwords to access these databases.
- ✍ 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.
- ✍ Whiteboard

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:

Ascential™ Developer Net

<http://developernet.ascential.com>

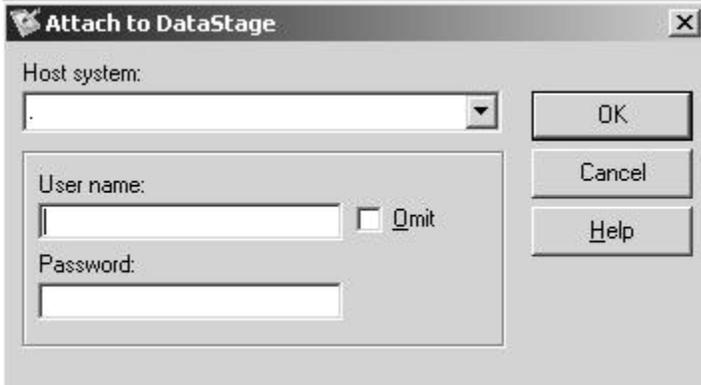
Independent community for the products and strategies that surround the Ascential Data Integration Suite

<http://www.dsxchange.com>

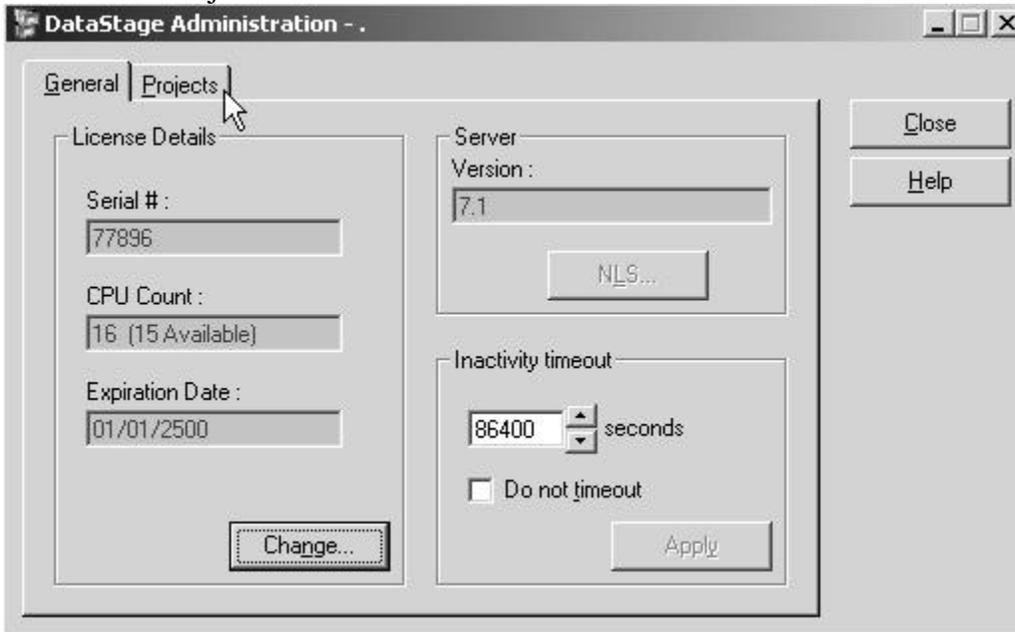
Creating Your Mentoring Project

Creating A Project

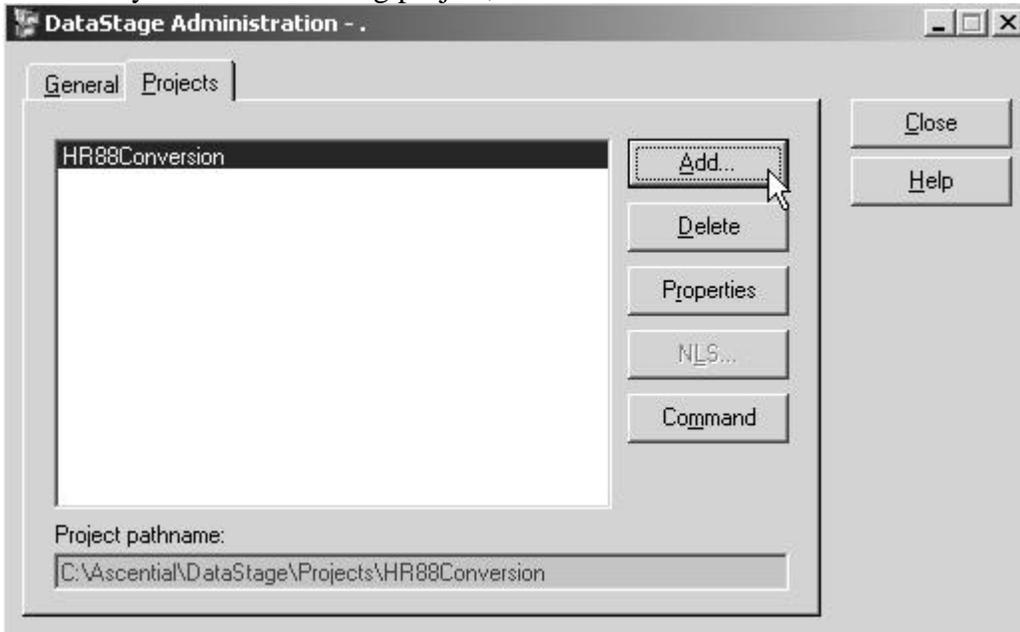
1. Open DataStage Administrator.
2. Enter your system's Host System Name, User Name and Password and then click on the OK button.



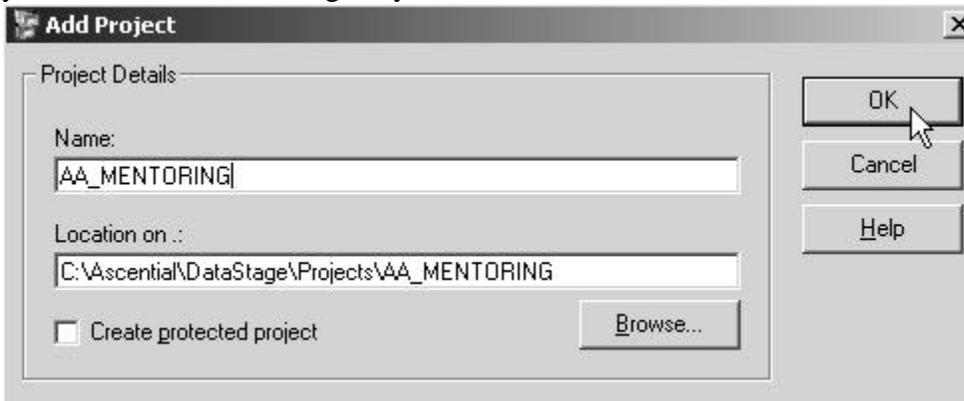
3. Click on the Projects tab.



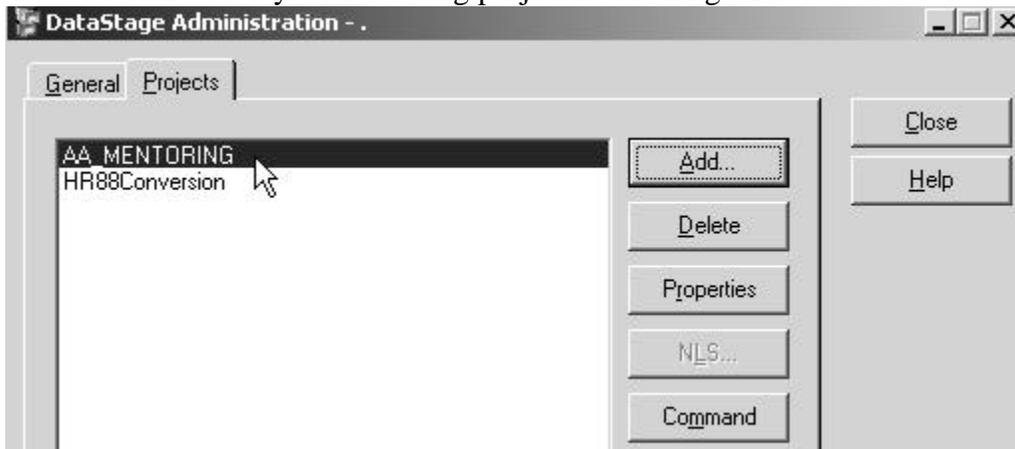
4. To create your own mentoring project, click on the Add button.



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.

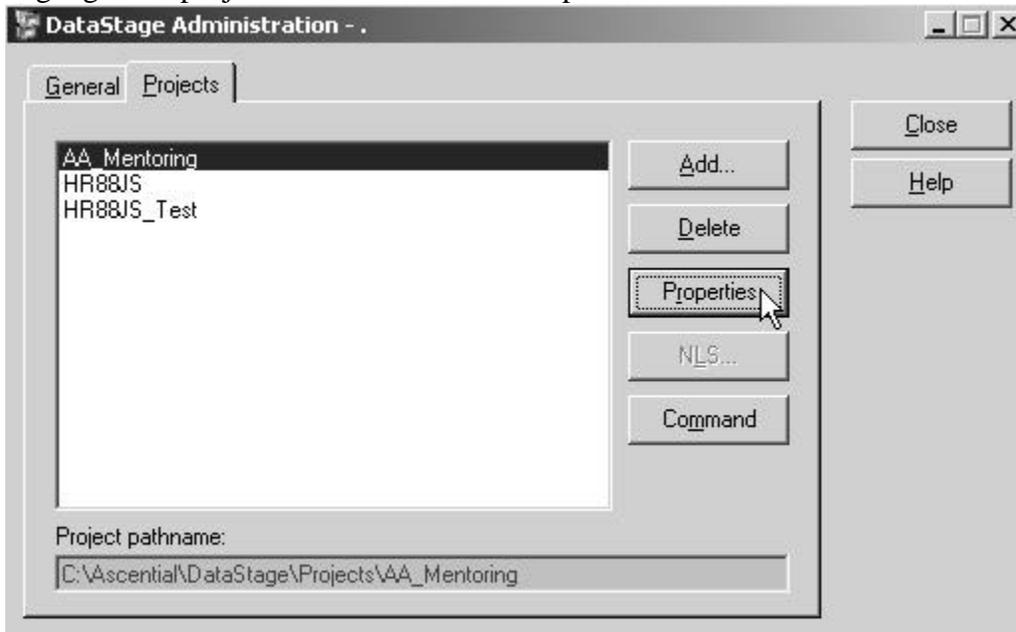


You should now see your mentoring project listed along with the other delivered projects.

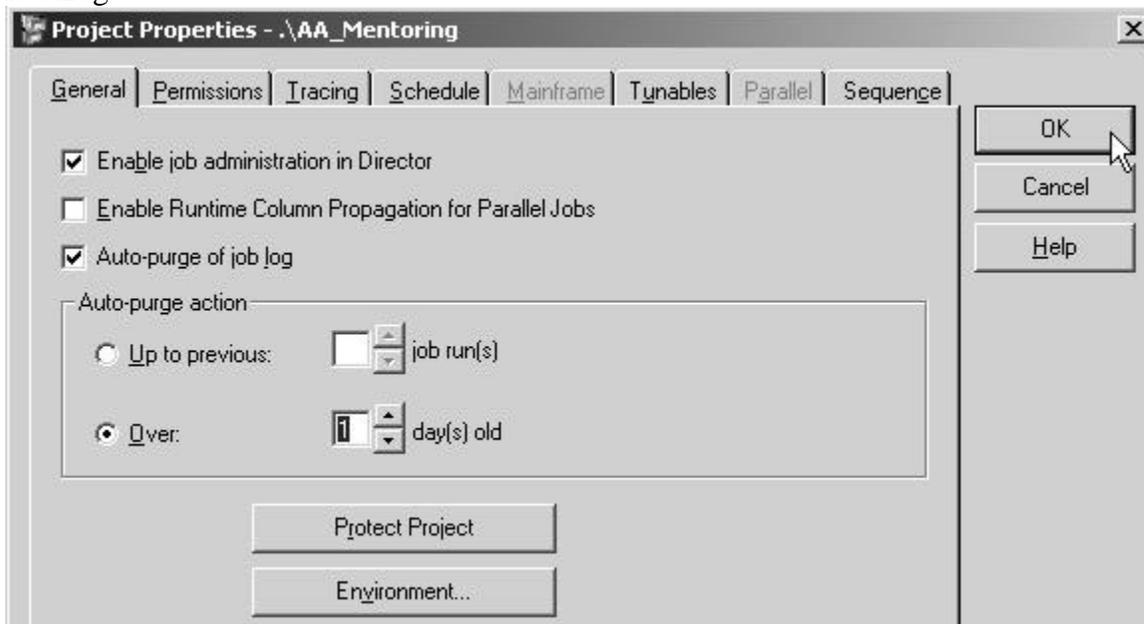


Modify Project Properties

1. Highlight the project name and click on Properties.



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

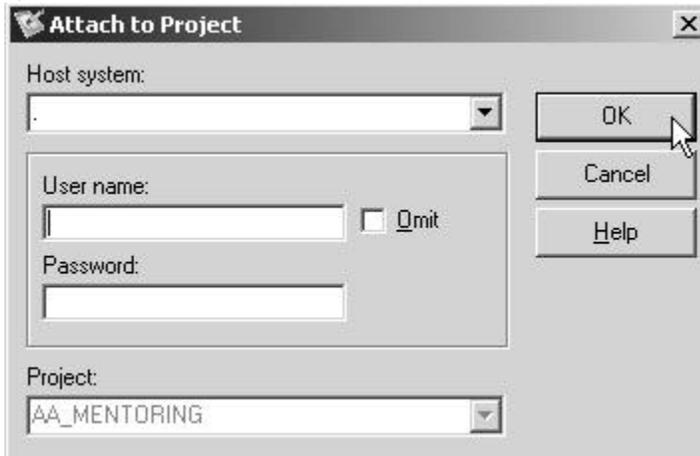


Using A Project

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.



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

