Agilent OpenLAB Chromatography Data System (CDS)

EZChrom Edition

Reusing EZChrom Data in OpenLAB CDS with Data Store or ECM

Agilent Technologies

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Manual Part Number

M8201-90060

Edition

September 2012

Printed in USA

Agilent Technologies, Inc.
2850 Centerville Road
Wilmington, DE 19808-1610 USA

Software Revision

This guide is valid for Agilent OpenLAB CDS EZChrom Edition A.04.04 and ChemStation Edition C.01.04.

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Reusing EZChrom 3.X Data in OpenLAB CDS EZChrom with OpenLAB Data Store or OpenLAB ECM

This document describes a manual procedure for transferring EZChrom 3.X data from an EZChrom file system into OpenLAB CDS EZChrom Edition with either a Data Store or ECM backend.

This procedure supports the migration of EZChrom 3.3.2, 3.3.2 SP1, and 3.3.2 SP2 data to OpenLAB CDS EZChrom A.04.04 or higher.

Adding EZChrom 3.x data to OpenLAB Data Store or OpenLAB ECM

1. Define the storage location in Data Store or ECM.
2. Create a Project in OpenLAB CDS (OLCDS) EZChrom.
3. Create an instrument in OLCDS EZChrom. A Method, Result, Sample Prep, Sequence, and Template folder will be automatically created when the instrument is launched.
4. Manually upload files from the Method, Sequence, Data, Pretreatment folders in EZChrom 3.X Enterprise path to the corresponding Method, Sequence, Result, and Sample Prep directories in Data Store or ECM that were created in step 3.

   Upload Method files from EZChrom 3.X to the Method folder, Sequence files from EZChrom 3.X to the Sequence folder, Data files fron EZChrom 3.X to the Result folder, and Pretreatment files from EZChrom 3.X to the Sample Prep folder.

   Upload any custom templates from Template folder in EZChrom 3.X Enterprise path to the corresponding Templates directory in Data Store or ECM created in step 3. You can upload directly from the Enterprise path. If you are using AFS, you must be logged into the client as the AFS user. Files from EZChrom 3.X should open in OpenLAB CDS EZChrom.

Methods

The following changes to method files may be needed depending on how your methods were created. Please open your methods in OpenLAB CDS and check them for the following:

- **Method > Advanced > Files** tab – Be sure the baseline file path is changed to the Data Store or ECM path.
- **Method > Advanced > Advanced Report** – Be sure the Report Template Name field is changed to the Data Store or ECM path.
- Change export paths as needed.

Sequences

The following changes to sequence files may be needed. Please open your sequences in OpenLAB CDS and check the following:

1. In OpenLAB CDS EZChrom open your sequence in Data Store or ECM and browse to **Sequence > Properties** and verify the filled in paths are changed to point to the Data Store or ECM path.
2. In the **Sequence Table**:
   - Browse to the run type column. If the run type column has options selected which point to report template paths, these paths will need to be changed to the Data Store or ECM Path.
   - Look at the Sample Prep column. If this field is used, the path for the Sample Prep file will need to be changed to the Data Store or ECM path. This does not need to change if you are using the default path.
   - Look at filename column. Change this to the Data Store or ECM path if necessary. This does not need to change if you are using the default path.
   - Look at the Method column. Check the Method path to see if it needs to be changed to the Data Store or ECM path. This does not need to change if you are using the default path.

Creating A Result Set with EZChrom 3.X Data in OpenLAB Data Store or OpenLAB ECM

NOTE Before completing this process you need to be aware of any sequence, method, sample prep, or report template modifications that were made since acquisition. Creating a Result Set with files that have changed will cause the wrong information to appear in the Result Set.

1. Open a sequence that was modified according to the procedures listed in the previous section.
2. Reprocess the sequence. After reprocessing a Result Set will show up in Data Store or ECM.

When the Result Set is created in Data Store, a folder in the result folder will be created containing individual files.

In ECM the Result Set will get zipped up in the Result folder.

The Result Set package options selected in your Project will determine what files are placed into the Result Set.

Known Issues

Incident: 189754

Issue: ASCII sequences were not tested for data reuse in this release.

Resolution: ASCII sequences will be tested for data reuse in a subsequent release.

Incident: 190016

Issue: If a method with a method report from EZChrom Elite 3.3.2, 3.3.2 SP1, or 3.3.2 SP2 is using a Filtered Method Report, the report does not show up when you open the method in OpenLAB CDS.

Resolution: The Filtered Method Report cannot be used in OpenLAB CDS because it does not exist.

Incident: 190017

Issue: If User Programs are selected in an EZChrom 3.3.2, 3.3.2 SP1, or 3.3.2 SP2 method, the selections will not be selected when the method is migrated to OpenLAB CDS EZChrom.

Resolution: You will need to select User Program options after migrating the method to OpenLAB CDS EZChrom.

Incident: 190335

Issue: If a method from EZChrom 3.3.2, 3.3.2 SP1, or 3.3.2 SP2 contains a method report using “Run Report” with Pk # selected, the instrument client will crash if you reprocess the sequence in OpenLAB CDS.

Resolution: Open the Method in OpenLAB CDS, remove Pk# from the ‘Run Report’ report, and add Peak Number to the ‘Run Report’ before reprocessing.

Incident: 190336 & 190816

Issue: If you are using both a sample prep file from EZChrom Elite 3.3.2, 3.3.2 SP1, or 3.3.2 SP2 and a method from EZChrom Elite 3.3.2, 3.3.2 SP1, or 3.3.2 SP2 that has export parameters selected, the instrument client can crash or the system can become disconnected from the instrument if you do an acquisition or reprocess a sequence.

Resolution: Either remove sample prep from your sequence and keep the export parameters in your method or keep the export parameters in your method and remove sample prep from your sequence.

Incident: 190340

Issue: Audit Trail entries before migrating a method to OpenLAB CDS EZChrom from EZChrom Elite do not show up in the Method Audit Trail.

Resolution: You will need to open the Audit Trail log after migrating the method to OpenLAB CDS EZChrom by going to Method Properties and clicking on the Audit Trail Log tab.

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Printed in USA, September 2012

M8201-90060