



Exploring the new Usage Tracking Feature in Hyperion Performance Suite 8.2

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What is Usage Tracking?

- New service that records activities as they happen in the HPS
 - Logins
 - Reports Used
 - Query Time
 - Pages Visited
- Saved to new repository database tables

Usage Tracking Setup

- Login to HPS with an administrator account. Go to the Administration module under System and turn on Usage Tracking.
- Select the events you wish to track.
- Select the mine types you wish to track.
- Usage tracking data is stored in the repository database, you need to consider disk space allocation for the database and how long you want to keep the usage tracking data.

Setup - Manage Usage Tracking

The screenshot shows a web browser window titled "System - administrator on thor - Microsoft Internet Explorer". The address bar shows "http://thor/Brio/administration/systemIndex". The page title is "Hyperion® Performance Suite" with "Exit" and "Help" links. The navigation tabs are "Administration", "Organization", "System", and "Preferences".

The left sidebar contains a tree view with the following categories and items:

- Physical Resources
 - Manage Physical Resources
 - Add Printer
 - Add Output Directory
- MIME Type
 - Manage MIME Types
 - Add MIME Type
- Manage System Properties
 - General
 - Notification
 - Smartcut
 - User Interface
 - Manage Row Level Security
- Usage Tracking
 - Manage Usage Tracking (selected)
 - Track Events

The main content area is titled "Manage Usage Tracking" and contains two sections:

General Preferences

- Usage Tracking Active: (indicated by a green light icon)
- Mark records ready for deletion after: 30 days
- Delete records every: 7 days

Connectivity

Modify the username and password used to access the usage tracking tables.

- Username: lester
- Password: ●●●●
- Confirm Password: ●●●●

At the bottom of the form are "Apply" and "Cancel" buttons.

The status bar at the bottom of the browser window shows "Done" and "Local intranet".

Setup - Track Events

System - administrator on thor - Microsoft Internet Explorer

Address: http://thor/Brio/administration/systemIndex

Hyperion® Performance Suite | Exit | Help |

Administration | Organization | System | Preferences |

Physical Resources

- Manage Physical Resources
- Add Printer
- Add Output Directory

MIME Type

- Manage MIME Types
- Add MIME Type

Manage System Properties

- General
- Notification
- Smartcut
- User Interface
- Manage Row Level Security

Usage Tracking

- Manage Usage Tracking
- Track Events

Manage Usage Tracking

Track Events

To enable tracking of an event, check the box next to its name

Event	Description
<input checked="" type="checkbox"/> System Logins	Tracks each system login
<input checked="" type="checkbox"/> Database Logins	Track each database login
<input checked="" type="checkbox"/> Timed Query Event	Track each time a BQY query is processed
<input checked="" type="checkbox"/> Open BQY Document	Track each time a BQY document is opened
<input checked="" type="checkbox"/> Process BQY Document	Track each time a BQY document is processed
<input checked="" type="checkbox"/> Close BQY Document	Track each time a BQY document is closed
<input checked="" type="checkbox"/> Run BQY Job	Track each time a BQY job is executed
<input checked="" type="checkbox"/> View BQY Job Output	Track each time output from a BQY job is viewed
<input checked="" type="checkbox"/> Run SQR Job	Track each time a SQR job is executed
<input checked="" type="checkbox"/> View SQR Job Output	Track each time output from a SQR job is viewed
<input checked="" type="checkbox"/> Run Generic Job	Track each time a generic job is executed
<input checked="" type="checkbox"/> View Generic Job Output	Track each time output from a generic job is viewed

Track Documents

Track each time a document is opened for the selected mime types

Available Mime Types	Selected Mime Types
<Available>	<Selected>
Applet	flash file
BMP file	Cube file
Brio	SQL Program file
Brio Data	SQL Include file
Brio Query Document in XML	SQL data input file
Brio Query Job	SQL INI Environment file
Brio Query Output Collection	SQL Log file type
BrioQueryProgram	XML

Done Local intranet

Usage Tracking Events

The screenshot shows the Hyperion Designer interface. The title bar reads "Hyperion - Designer - Brio 8.2 ut by lk.bqy". The menu bar includes File, Edit, View, Insert, Format, Results, Tools, Window, and Help. The toolbar contains various icons for file operations and a "Process" dropdown menu. The main window displays a table titled "Results5" with columns "Name" and "Description". The table lists 14 usage tracking events. At the bottom of the window, the status bar shows "Not Connected", "14 of 14 Rows", and the date/time "07/29/04 12:02:16".

	Name	Description
1	Database Login	Track each database login
2	Open Document	Tracks specified types of documents opened
3	System Login	Tracks each system login
4	View SQR Job Output	Track each time output from a SQR job is viewed
5	Run SQR Job	Track each time a SQR job is executed
6	View BQY Job Output	Track each time output from a BQY job is viewed
7	Process Query Event	Track each time a BQY query is processed
8	Open BQY Document	Track each time a BQY document is opened
9	Run BQY Job	Track each time a BQY job is executed
10	Process BQY Document	Track each time a BQY document is processed
11	View Other Job Output	Track each time output from a generic job is viewed
12	Close BQY Document	Track each time a BQY document is closed
13	Run Generic Job	Track each time a generic job is executed
14	Timed Query Event	Track queries executed by the DAS service when processing a BQY Job/Document

New Usage Tracking Tables

- V8_USAGE_ATTRIBUTES
- V8_USAGE_EVENT
- V8_USAGE_EVENT_JOB
- V8_USAGE_EVENT_KEYVAL
- V8_USAGE_EVENT_TYPE
- V8_USAGE_SERVICE_CLIENT
- V8_USAGE_TIMED_QUERY

New Usage Tracking Views

- V8_EVENT_VW
- V8_OBJECT_VW
- V8_QUERY_VW
- V8_USER_VW

How to access the data?

- Sample BQY file located on the docs CD in Intelligence Clients directory named: “Sample – Usage Tracking.bqy”
- Build your own BQY

Sample – User, Events, Docs

The screenshot shows the Hyperion Designer interface for a query named 'usage tracking.bqy'. The interface includes a menu bar (File, Edit, View, Insert, Format, Query, DataModel, Tools, Window, Help) and a toolbar with various icons. The main workspace is divided into three sections: 'Sort', 'Request', and 'Limit'. The 'Request' section contains a list of fields: User Name, Session Id, Event Id, Event Name, Start Time, End Time, Duration, Object Name, Object Path, Object Version, and Object Type. The 'Limit' section is currently empty. Below these sections, three data views are displayed and connected by double-line relationships (==).

- V8 User Vw**:
 - User Id
 - User Name
 - Full Name
 - Group Id
 - Group Name
 - Authenticaton System
- V8 Event Vw**:
 - Event Id
 - Event Name
 - Session Id
 - User Id
 - Start Time
 - End Time
 - Duration
 - Server
 - Port
- V8 Object Vw**:
 - Event Id
 - Object Type
 - Object Name
 - Object Path
 - Object Version

The status bar at the bottom indicates '306 Rows' and 'Combined View: 3 topics'.

Sample – Events and Query

Hyperion - Designer - Sample - usage tracking.bqy

File Edit View Insert Format Query DataModel Tools Window Help

Request(10) Limits(0) Sort(0)

Sort *Drag Request Items here to sort them*

Request Event Name Event Id Session Id Query Name Query String Start Time End Time Datasource Database Login Db User

Limit *Drag Topic or Computed Request Items here to create Limits*

V8 Event Vw

- Event Id
- Event Name
- Session Id
- User Id
- Start Time
- End Time
- Duration
- Server
- Port

V8 Query Vw

- Event Id
- Query Name
- Query String
- Start Time
- End Time
- Rows Returned
- Datasource
- Database Login
- Db User

27 Rows Combined View: 2 topics

Events and Objects (Container)

The screenshot displays the Hyperion Designer interface for a query titled "Query - Usage Event to Container". The window title is "Hyperion - Designer - Brio 8.2 ut by lk.bqy". The menu bar includes File, Edit, View, Insert, Format, Query, DataModel, Tools, Window, and Help. The toolbar contains various icons for file operations and query execution.

The query configuration is as follows:

- Sort:** Drag Request Items here to sort them
- Request:** A table with columns: Classname, Name, Description, Originator Uuid, Starttime, Finishtime, Subject Uuid, Errorinfo, Object Uuid, Doc Name, Doc Description. The "Doc Classname" field is selected.
- Limit:** Drag Topic or Computed Request Items here to create Limits

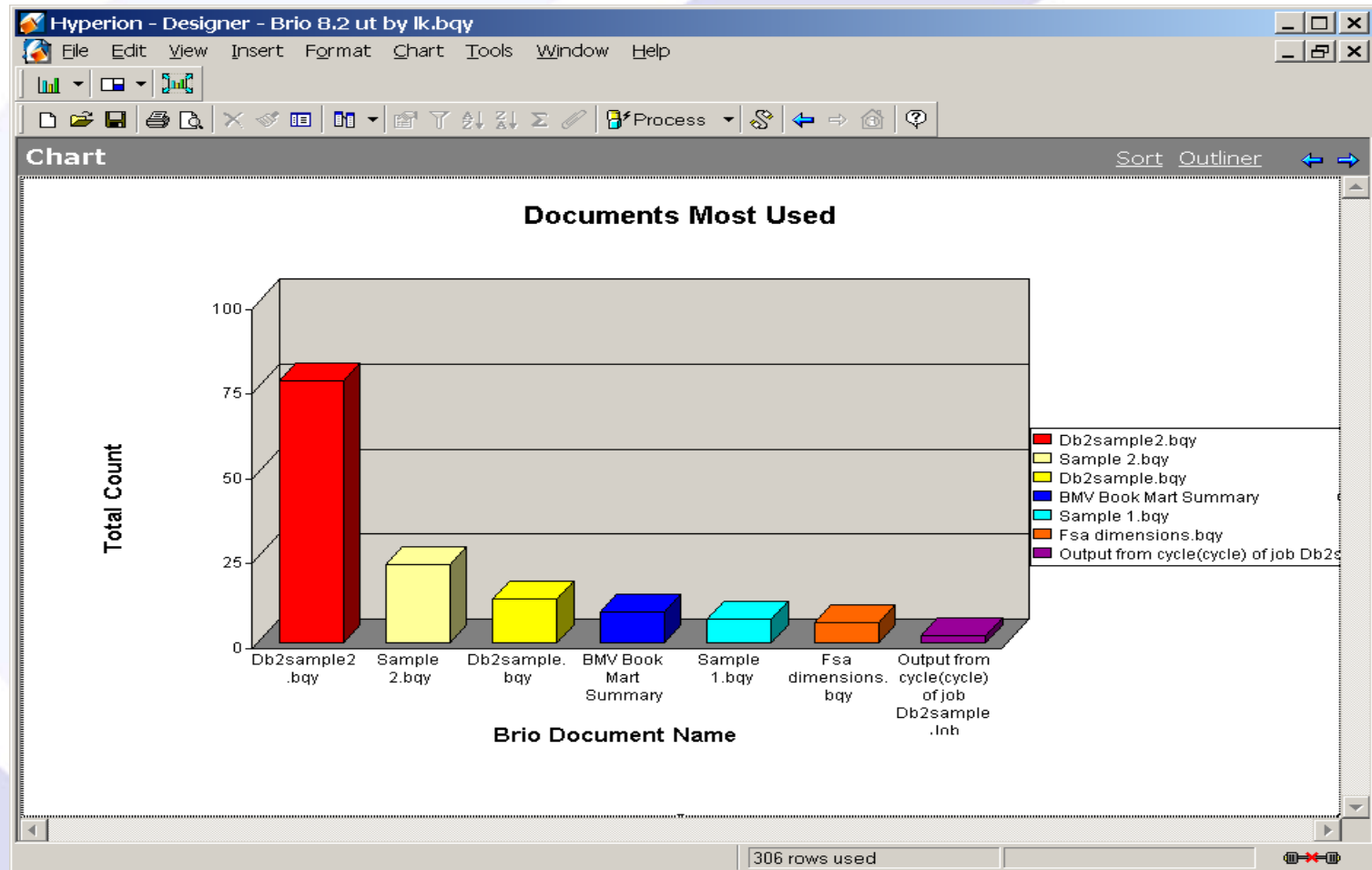
The main workspace shows three topic lists:

- V8 Usage E:** Type Uuid, Classname, Name, Description
- V8 Usage Event:** Event Uuid, Type Uuid, Originator Uuid, Starttime, Finishtime, Subject Uuid, Errorinfo, Object Uuid, Objecttype Uuid, Object Version, Session Uuid
- V8 Container:** Container Uuid, Meta Type Uuid, Parent Folder Uuid, Name, Creation Date, Umask User Read, Umask User Write, Umask User Exec, Umask Group Read, Umask Group Write, Umask Group Exec, Umask World Read, Umask World Write, Umask World Exec, Expiration Date, Description, Classname, Browsable, Auto Delete, Cascade Delete, Deleted, Superclass, User Attr Flag, User Name, Group Name, Pub Rating

Relationships are indicated by lines: a 1:1 relationship between "V8 Usage E" and "V8 Usage Event", and a 1:.. relationship between "V8 Usage Event" and "V8 Container".

At the bottom, the status bar shows "306 Rows" and "Combined View: 3 topics".

Example Usage Track Chart



Thank You

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