BLUEcloud Analytics 2016.04

Using Data Codes

June 2016

Contents

About this guide

This guide explains how to further customize your reports in SirsiDynix Symphony using the expandcmds file and adding data codes that have been made available by BLUEcloud Analytics. These instructions are intended for system administrators who are familiar with customizing using the BCA data codes.

For more information about this guide, see these topics:

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Summary of contents

This guide explains how to customize your reports using new data codes made available by BLUEcloud Analytics as well as shows all the codes, both default to SirsiDynix Symphony and new from BLUEcloud Analytics.

This guide contains these major sections:

- **About this guide** on page 1
- **Data Elements** on page 1

Conventions used in this guide

This guide uses terms, typefaces, and symbols to denote different kinds of information. Understanding these conventions can help you recognize the information you need more quickly.

Symbols

This guide uses these symbols:

Symbol	Description
	Tip This symbol indicates additional notes or helpful tips.

Symbol	Description
	Important This symbol indicates important information or warnings.

Mouse conventions

The following terms are used in this guide to describe actions you do with a mouse.

Term	Definition
Click	To place the mouse pointer on an icon, command, or button and quickly press and release the primary (usually the left) button once.
Double-click	To place the mouse pointer on an icon, command, or button and quickly press and release the primary mouse button twice.
Right-click	To place the mouse pointer on an icon, command, or button and quickly press and release the secondary (usually the right) button once.
Drag	To press and hold the primary mouse button while moving the mouse.
Choose	To click a button or an option from a menu, group of options, or list.
Select	To click once on an option in a list so that the option is highlighted. In a field, you may drag the mouse over text to select that text.

Keyboard conventions

This guide refers to keys following the standard convention of 101-key keyboards. For example, Ctrl is the control key, Alt is the alternate key, Enter is enter or return.

When you need to press two or more keys at the same time to do an action, the keys are connected with a plus sign (+). For example, **Alt+H** means to press and hold the **Alt** key while you also press **H**.

Keys you press appear in bold type in steps. Text or numbers that you need to enter using the keyboard also appear in bold (for example, "Type **main** in the **Location** field").

Other conventions

In step-by-step instructions, the names of menus, buttons, fields, and other options appear in bold type (for example, "the **OK** button" or "the **Title** field"). This helps you quickly identify which elements you should look for on the page or screen you are navigating.

When you are instructed to choose an option from a menu, the menu and menu options are separated by the greater-than symbol (>). For example, "choose **File** > **Save**" means to choose the File menu, then choose the Save option from the menu. This convention is also used to show the sequence of items you use on the navigation bar to open a form or page.

Text in italics shows general information that you must replace with information that is specific to your system. For example, you would replace *password* with a specific password, such as **123gr@ndma**.

File and directory names, code examples, and computer output appear in `Courier`.

Possible differences between the software and this guide

The names, labels, and sample windows in this guide reflect the default settings that are delivered with most new installations. The settings on your system may be different from these defaults, depending on your library's implementation choices and the way your system administrator sets up your system. For example, your system administrator can change labels and set up security to limit access to certain features.

Additionally, as you use the software, you can resize windows or customize your workspace. Consequently, your software environment may look and function differently than the environment described in the tasks in this guide.

This document is compatible with BLUEcloud Analytics 2016.04. Information in this document may also be compatible with later versions.

Documentation updates

Updates to this guide are posted to the customer support website between releases, as necessary. These updates provide corrections to unclear, incorrect, or incomplete information. They also provide documentation for enhancements that were not complete at the time the guide was first published.

You may access the customer support website at https://support.sirsidynix.com.

> The customer support website requires a username and password. If you do not already have a username and password, contact your system administrator to receive one. If you are the system administrator for your library and need a username and password for the support website, please contact SirsiDynix Customer Support to receive one.

Documentation updates can include, but are not limited to, the following formats:

- PDF (Portable Document Format)
- HTML Webhelp
- EPUB
- Microsoft Word

To view a PDF file, you must install Adobe's Acrobat Reader on your workstation. You can download Acrobat Reader free of charge at Adobe's web site, http://www.adobe.com. Several open source eReaders are also available online which can open other formats such as EPUBs. Please contact SirsiDynix Customer Support if you are having trouble finding this guide in the format that you need.

Comments and suggestions

SirsiDynix welcomes and appreciates your comments on its documentation. We want to know what you think about our manuals and how we can make them better. If you have comments about this guide, please send them to docs@sirsidynix.com.

Be sure to include the title and version number of the guide and tell us how you used it. Then tell us your feelings about its strengths and weaknesses and any recommendations for improvements.

Using Data Codes in SirsiDynix Symphony

BLUEcloud Analytics provides additional data codes which make it possible to customize your Symphony Stat file beyond what is already included. This guide will help you to use these data codes in the expandcmds file to customize your reports. Contact SirsiDynix Customer Support for assistance with this process. If you are not an administrator of your system, please contact Support prior to editing the file.

Modifying the expandcmds file in SirsiDynix Symphony

To customize your Symphony Stat file, you add data to the **expandcmds** file.

1 Navigate to **Unicorn/Custom**.

2 Open the **expandcmds** file with a text editor.

The first column consists of command codes, which represent a transaction that occurs in the Symphony system.

3 Choose which command code you wish to edit.

4 Add a space at the end of the row then enter the desired data code.

Data codes represent a piece of data that is associated with the command.

5 Save your changes.

> ⚠ Adding codes to the expandcmds file will add data to the Symphony Stat file, which does not get scrubbed for PII (personal identifiable information) before being uploaded to the cloud. Please be aware that if you choose to modify the file this way, SirsiDynix is not responsible for scrubbing the file for PII.
>
> Adding data codes to the expandcmds file changes what gets added to the Stat file which will increase the size of the stat logs.

List of Data Codes

Below are all of the data codes available for a Stat file in Symphony. For more information on each code, see the Data Reference Guide.

New Codes

The following are the new codes in BLUEcloud Analytics.

4O --> TRANS_STAT_MAIL_COST_TOTAL

J1 --> TRANS_STAT_TRACKING_NUMBER

J2 --> TRANS_STAT_SHIPPING_STATUS

J3 --> TRANS_STAT_SHIPPING_COMMENT

NQ --> TRANS_STAT_ITEM_ID

UO --> TRANS_STAT_USER_ID

Default Codes

The following are the default codes that are included in the Symphony Stat file.

0A --> TRANS_STAT_ICAT3

0B --> TRANS_STAT_ICAT4

0C --> TRANS_STAT_ICAT5

PG --> TRANS_STAT_UCAT1

PH --> TRANS_STAT_UCAT2

P3 --> TRANS_STAT_UCAT3

P4 --> TRANS_STAT_UCAT4

P5 --> TRANS_STAT_UCAT5

0D --> TRANS_STAT_UCAT6 : TRANS_STAT_UCAT7 : TRANS_STAT_UCAT8 : TRANS_STAT_UCAT9 : TRANS_STAT_UCAT10 : TRANS_STAT_UCAT11 : TRANS_STAT_UCAT12

3z --> TRANS_STAT_BILL_PAYMENT_LIBRARY

BA --> TRANS_STAT_AMOUNT_PAID

BD --> TRANS_STAT_BILL_REASON

BE --> TRANS_STAT_PAYMENT_TYPE

BG --> TRANS_STAT_PIF_FLAG

BH --> TRANS_STAT_AMOUNT_OWED

BI --> TRANS_STAT_AMOUNT_BILLED

FD --> TRANS_STAT_STATION

FE --> TRANS_STAT_STATION_LIBRARY

FF --> TRANS_STAT_STATION_LOGIN_USER_ACCESS

FW --> TRANS_STAT_STATION_USER_ID

I8 --> TRANS_STAT_MEDIA_DESK_NAME

IA --> TRANS_STAT_AUTHOR

IB --> TRANS_STAT_TITLE

IF --> TRANS_STAT_PUB_YEAR

IG --> TRANS_STAT_ITYPE

IK --> TRANS_STAT_FORMAT

IL --> TRANS_STAT_CURRENT_LOCATION

IN --> TRANS_STAT_HOME_LOCATION

IP --> TRANS_STAT_ITEM_PRICE

IQ --> TRANS_STAT_CALL_NUMBER

IS --> TRANS_STAT_COPY_NUMBER

IT --> TRANS_STAT_ITEM_PERMANENCE

IZ --> TRANS_STAT_NUMBER_OF_COPIES

JI --> TRANS_STAT_BOUND_WITH_CALL_NUMBER

JJ --> TRANS_STAT_BOUND_WITH_ITEM_ID

Jw --> TRANS_STAT_MULTI_CIRC_IGNORE

Kc --> TRANS_STAT_REQUEST_CALL_NUMBER

Kd --> TRANS_STAT_REQUEST_COPY_NUMBER

LC --> TRANS_STAT_LIST_OF_COMMENTS

Mf --> TRANS_STAT_GATEWAY_NUMBER

My --> TRANS_STAT_GATEWAY_LOGOFF_TIME

Mz --> TRANS_STAT_GATEWAY_SESSION_TIME

NA --> TRANS_STAT_NEW_CALL_NUMBER

NR --> TRANS_STAT_NEW_ITEM_ID

NS --> TRANS_STAT_ITEM_LIBRARY

NX --> TRANS_STAT_ICAT1

NY --> TRANS_STAT_ICAT2

OC --> TRANS_STAT_USER_BLOCK_OVERRIDE

OW --> TRANS_STAT_BOOKING_LIMIT_OVERRIDE

Or --> TRANS_STAT_CM_REFUND_OVERRIDE

Os --> TRANS_STAT_CM_NOSALE_OVERRIDE

Ot --> TRANS_STAT_CM_PRICE_CHANGE_OVERRIDE

Ov --> TRANS_STAT_CM_VOID_OVERRIDE

PE --> TRANS_STAT_USER_PROFILE_NAME

RJ --> TRANS_STAT_RESERVE_COLLECTION

UB --> TRANS_STAT_ZIP_CODE

UJ --> TRANS_STAT_DELINQUENCY_CODE

UM --> TRANS_STAT_USER_LIBRARY

UN --> TRANS_STAT_DEPARTMENT

UT --> TRANS_STAT_USER_LOCATION

UZ --> TRANS_STAT_BIRTH_DATE

az --> TRANS_STAT_ROTATE_COPIES

b0 --> TRANS_STAT_FIXED_TIME_SLOTS

b1 --> TRANS_STAT_BOOKING_PROFILE

b2 --> TRANS_STAT_BOOKING_QUANTITY

b3 --> TRANS_STAT_DELIVERY_SHIPPING

b4 --> TRANS_STAT_RETURN_SHIPPING

b6 --> TRANS_STAT_DELIVERY_SHIPPING_POLICY

b7 --> TRANS_STAT_RETURN_SHIPPING_POLICY

bW --> TRANS_STAT_BOOKINGS_POLICY_NAME

bX --> TRANS_STAT_ITEM_BOOKING

bY --> TRANS_STAT_BOOKING_REQS_OR_RECOMMEND

ba --> TRANS_STAT_BOOKING_START_DATE

bb --> TRANS_STAT_BOOKING_TIME_METHOD

bc --> TRANS_STAT_USING_FIXED_TIME_SLOT

bd --> TRANS_STAT_BOOKING_STATUS

be --> TRANS_STAT_FIXED_TIME_ONLY_SLOT_STRING

bf --> TRANS_STAT_FIXED_DATE_TIME_SLOT_STRING

bg --> TRANS_STAT_BOOKING_LIBRARY_DISPLAY_OPTION

bh --> TRANS_STAT_BOOKING_LIBRARY_VALUE_DISPLAY_OPTION

bi --> TRANS_STAT_BOOKING_EXTENDED_INFO_FLAG

bj --> TRANS_STAT_EDIT_BOOKING_BASIC_FLAG

bk --> TRANS_STAT_BOOKING_ACTUAL_START_DATE

bl --> TRANS_STAT_BOOKING_ACTUAL_END_DATE

bm --> TRANS_STAT_PREPARING_TIME

bn --> TRANS_STAT_POST_TIME

bo --> TRANS_STAT_BOOKING_START_TIME

bp --> TRANS_STAT_BOOKING_END_TIME

bq --> TRANS_STAT_BOOK_DELIVERY_SHIPPING_POLICY

bt --> TRANS_STAT_BOOKING_PICKUP_LIBRARY

bu --> TRANS_STAT_BOOK_RETURN_SHIPPING_POLICY

bw --> TRANS_STAT_BOOKING_ID_KEY

d1 --> TRANS_STAT_UPDATE_INVENTORY_STATS

dC --> TRANS_STAT_CLIENT_TYPE

da --> TRANS_STAT_USER_ALERTS_INFO

fo --> TRANS_STAT_CM_TAX_PAY

fp --> TRANS_STAT_CM_BASE_PRICE

gO --> TRANS_STAT_ACCOUNTABILITY_ITEM_CLEARANCE

gj --> TRANS_STAT_ACCOUNTABILITY_USER_CLEARANCE

lb --> TRANS_STAT_BOOKING_REQS_LIST

mG --> TRANS_STAT_GATEWAY_NAME

nN --> TRANS_STAT_TRANSFER_ITEM_TO_X_LIBRARY

nP --> TRANS_STAT_DESTINATION_CALL_NUM

nt --> TRANS_STAT_INTRANSIT_ITEM_STARTED

nu --> TRANS_STAT_INTRANSIT_ITEM_ENDED

nx --> TRANS_STAT_REASON_FOR_TRANSIT

rT --> TRANS_STAT_CM_TAX_TYPE