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# *BLUEcloud DataControl*

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Library Initiatives





# An Intuitive, Web-based Interface for Symphony API Selection Tools

# *Symphony API*

The good

Available since first  
release of Unicorn

Complete API for  
all data tables  
including  
transaction counts

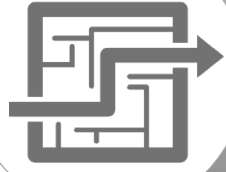
Same tools that SD  
developers use for  
all Symphony  
clients

Complete  
documentation,  
training & support

# *Symphony API*

The good

The bad



Complex



Steep learning curve



Thousands of pages of documentation



Accessible only to trained & certified staff



# *Symphony API*

The good

The bad

The ugly

```
seluser -a "<20171101" -n"=0" -oUK--  
last_name--first_namepyBs--age |  
selcharge -iU -c "<20171101" -oISKcd |  
selitem -il -tBOOK,NEW-BOOK,DVD,JUV-  
BOOK,JUV-VIDEO -oCSKBty | selcatalog -  
iC -p ">20151101" -oCSKtv | selcallnum -  
iC -oSKD | uniq | selascii -iR -  
oF1F9F10F11F12F15F16F17F21F24F25F  
2F3F4F5F6F7F8F13F14F18F19F20F22F2  
3F26
```

# Symphony API

The good

The bad

The ugly

The solution



Configuration Manager ▾

Branham, Rick (Mr.) ▾

## BLUEcloud DataControl

☐ Limit Search by File

Table

User Address 1 × ▾

USERA1 × ▾

Filters

ZIP × ▾

Regular Expression ▾ [^a][^\]][^0-9]

Table

User × ▾

Filters

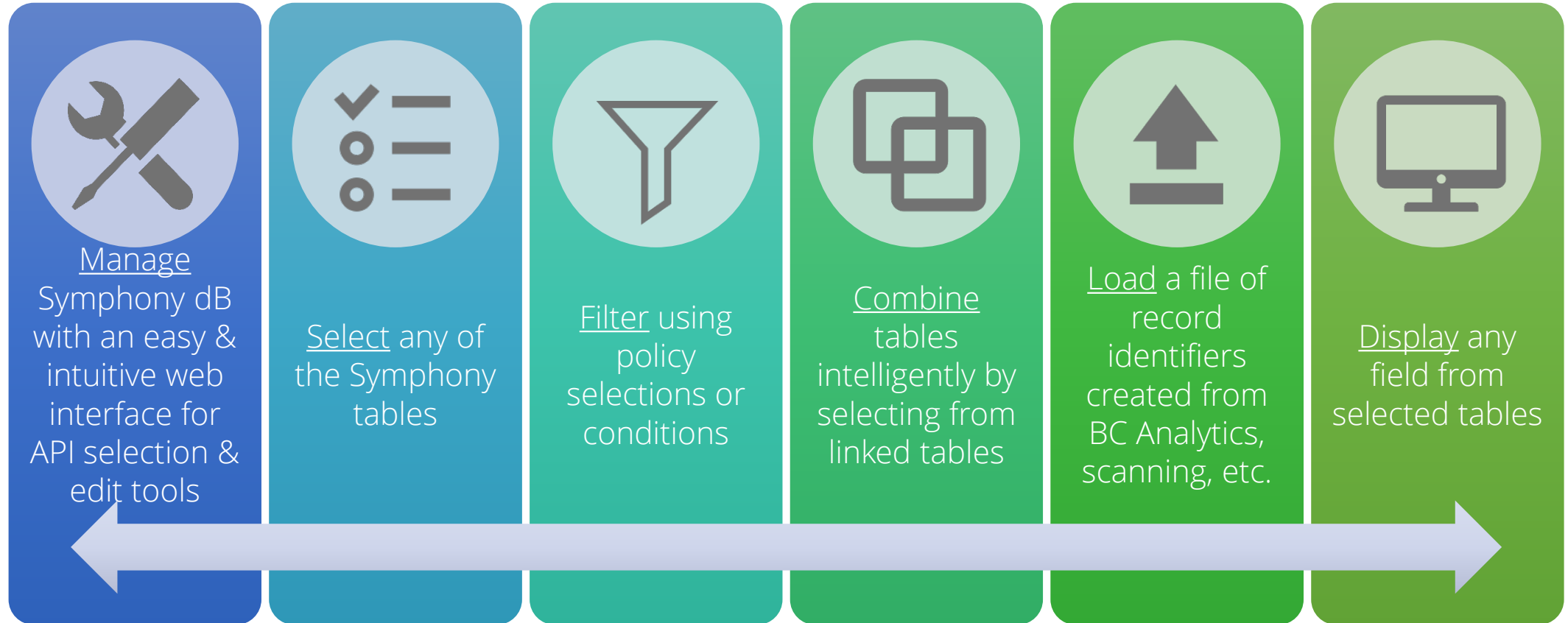
Field ▾ Qualifier ▾ × ▾

Apply

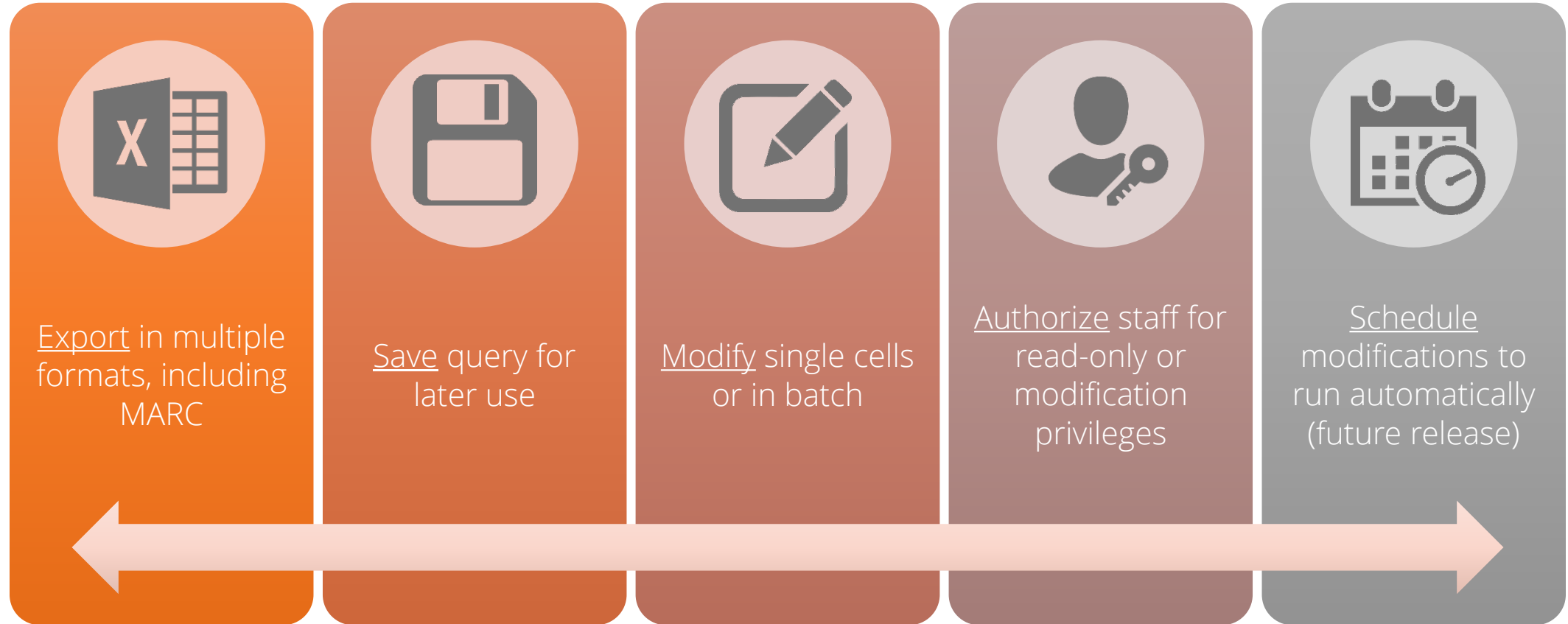
Cancel

```
selved -f'USERA1' -e'ZIP' -r'[^a][^\]][^0-9]' -EZIP -oVVM | seluser -iU -oSKBp--first_name--last_name | uniq |  
selascii -iR -oF1F2F3F4F5F6F7
```

# *BLUEcloud Data Control*



# *BLUEcloud Data Control*





# *How is DataControl different than Analytics and Symphony Reports?*

## DataControl

- Live queries on Symphony database
- Single or multiple tables
- No historical data
- Primary focus is batch editing of data
- No scheduling capability yet; planned for future release

## Analytics

- Harvested data from ILS + 3<sup>rd</sup> party sources
- Visualizations
- Analysis of trends
- No editing of data

## Symphony Reports

- Live queries on Symphony database
- Most reports are a single table, or tables within a module
- Very limited batch edit capability
- Best for housekeeping reports that are scheduled to run automatically





Select Tables  
& Filters

Select Display  
Elements

Display & Export  
Results

Edit Results

Manage  
Configurations

API Enhancements

# *Select Tables & Filters*

Select any Symphony  
table

Link any table  
(intelligent linking)

Select by file

Filter using any table  
field

Powerful qualifiers incl.  
regular expressions



# *Select Display Elements*

Select any field from  
any included table

Pick from list or search  
list

Reorder or remove  
selections





# *Display & Export Results*

Size/sort columns

Page and row  
navigation

Export selected/all  
results

Excel, csv, tsv, MARC



# *Edit Results*

Editing can be restricted  
by permission settings

Direct field editing

Confirmation before  
committing edits



# *Edit Results*

Editing can be restricted  
by permission settings

Direct field editing

Confirmation before  
committing edits

Individual record  
selection & editing



# *Edit Results*

Editing can be restricted  
by permission settings

Direct field editing

Confirmation before  
committing edits

Individual record  
selection & editing

Powerful batch edit  
tools





## *Manage Configurations*

Save/Save As

Name/Descriptions

List saved configs

Delete configs

Investigating options  
for scheduling queries,  
importing/exporting  
queries



# *API Enhancements*

New/enhanced APIs added to support DataControl

Available to any 3.6.1 (and greater) API-licensed site; additional enhancements in 3.6.2

Documented in 3.6.1 & 3.6.2 API Notes

MAY 2019

## API Notes

SirsiDynix Symphony 3.6.1



# API Enhancements

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Select Tables  
& Filters

*Pinpoint the exact data  
you wish to manage*

Edit Results

*Single cell or batch editing  
in real time*

Select Display  
Elements

*Display any data element  
from any selected table*

Manage  
Configurations

*Describe & save configs  
for easy future queries*

Display & Export  
Results

*Display/sort results and  
export in multiple formats*

API Enhancements

*New APIs added to  
support DataControl*



# FAQs

When can I have it?

- Currently in live pilot with Active SPP in progress
- GA with Symphony 3.7, targeted for June 2020

How much will it cost?

- Pricing is now available; contact your sales account reps
- Small uplift to API subscription

Browser compatibility?

- Chrome or Firefox

Development platform?

- Node.js, react, Apache technologies

Symphony requirements?

- Dedicated SaaS or On-Premise Symphony servers
- Now supported: multi-tenant symphony servers
- Symphony RHEL / Oracle
- Symphony v3.6.1 and above
- *Note that we are investigating support for Windows for a post 3.7 release*

Permissions?

- User Level policies to control access (system admin & supervisor can modify; staff can display/export only; public & extended public can't login)

Installation?

- May be installed on server other than Symphony server, but DC also installs files on the Symphony server





*Thank You!*

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