

Evergreen Development Update

27 April 2019
Evergreen Conference



Summary since previous conference

Evergreen 3.2.0 (3 October 2018)

Evergreen 3.3.0 (28 March 2019)

Statistics

- Between the 2018 and 2019 conferences there have been...
 - 754 commits in the master branch
 - 49 people who have tested and signed off on patches
 - 40 patch authors
 - 22 maintenance releases
 - 3 OpenSRF releases
 - 2 major Evergreen releases

Bug Squashing Weeks in the Past Year

- 3 Bug Squashing Weeks
- New Bug Reports: 81
- Bug Updates: 1168
- Doc Updates: 14
- New Patches Submitted: 56
- Patches Updated or Rebased: 34
- Patches Tested and Signed Off: 61
- Patches Committed: 78

New code and documentation patch authors

John Amundson

Katlyn Beck

A. Bellenir

Geoff Sams

John Yorio

Bug Squashing Week Participants

A. Bellenir - Adam Bowling - Alberto Martinez - Andrea Buntz Neiman - Anna Goben - April Durrence - Ben Shum - Beth Willis - Bill Erickson - Blake Henderson - Cesar Velez - Chris Sharp - Christine Burns - Christine Morgan - Chrisy Schroth - Dale Rigney - Dan Wells - Dawn Dale - Derek Zoldaz - Don Butterworth - Elaine Hardy - Elizabeth Thomsen - Eva Cerninakova - Galen Charlton - Garry Collum - Geoff Sams - Irene Patrick - Jane Sandberg - Janet Schrader - Jason Boyer - Jason Etheridge - Jason Stephenson - Jeanette Lundgren - Jeff Davis - Jeff Godin - Jennifer Pringle - Jennifer Weston - Jessica Woolford - Joan Kranich - John Amundson - John Merriam - John Yorio - Josh Stompro - Kate Coleman - Kathy Lussier - Katie Greenleaf Martin - Kyle Huckins - Laura Sachjen - Linda Jansova - Lynn Floyd - Mary Jinglewski - Mary Jo Gleason - Meg Stroup - Michele Morgan - Mike Rylander - Millissa Macomber - Nathan Eady - Pamela Smith - Remington Steed - Robert Jackson - Rogan Hamby - Sam Link - Scott Thomas - Soren Hakola - Steve Callender - Sylvia Orner - Terran McCanna - Tiffany Little - Tina Ji

Upcoming Bug Squashing Weeks

- May 20 - May 24, 2019 (Combined Bug Squashing Week / Feedback Fest)
- July 29 - August 2, 2019 (Feedback Fest)
- September 9 - September 13, 2019 (Bug Squashing Week)

More info: https://wiki.evergreen-ils.org/doku.php?id=dev:bug_squashing

Watch the list-servs for more info!

New committers

Jason Boyer

Jane Sandberg

... and past: here's a shout-out to Kathy Lussier. We miss you!


Evergreen 3.2 recap

- Goodbye, XUL
- Persistent Workstation Settings
- Patron ACQ Requests Ported to Angular
- Last Inventory Date for Items
- Auto-Renewal

Evergreen 3.2 recap

- Emergency Closing Handler
- Custom Permission Group Display Trees
- OPAC Basket Actions
- First occurrence of Angular (eg2) interfaces (ACQ Admin)

Batch Actions from Baskets

Search the Catalog [Advanced Search](#) [Browse the Catalog](#)  -- Basket Actions --

Search: Type: Keyword Format: All Formats Library: Example Consortium

Disable Highlighting

[[Refine My Original Search](#)]


Sort by Limit to Available Items


Group Formats and Editions Show Results from All Libraries


Search Results Results 1 - 4 of 4 (page 1 of 1)

Recent searches Select 1 - 4 [2 selected titles](#) [Clear basket](#)

Personal Author			
Bartók, Béla 1881-1945 (4)	<input checked="" type="checkbox"/>	1. Violin concerto no. 1, op. posth Bartók, Béla 1881-1945	<input checked="" type="checkbox"/> Place Hold
Topic Subject			
Concertos (Violin) (2)	<input type="checkbox"/>	2. Piano concertos 2 & 3 Bartók, Béla 1881-1945	<input checked="" type="checkbox"/> Place Hold
Concertos (Piano) (1)			
Violin music (Violins (2)) (1)			
Series Title			
Hawkes Pocket Scores; 710 (1)	<input checked="" type="checkbox"/>	3. Violin concerto no. 2; Six duos (from 44 Duos) Bartók, Béla 1881-1945	<input checked="" type="checkbox"/> Place Hold

Item 1: [Violin concerto no. 1, op. posth](#)
[Bartók, Béla 1881-1945](#)
 Music Score (c1959.)
Call number: 780 B38
27 of 31 copies available at Example Consortium.

Item 2: [Piano concertos 2 & 3](#)
[Bartók, Béla 1881-1945](#)
 Musical Sound Recording (Unknown Format) (1972.)
Call number: 780 B16
25 of 31 copies available at Example Consortium.

Item 3: [Violin concerto no. 2; Six duos \(from 44 Duos\)](#)
[Bartók, Béla 1881-1945](#)
 Musical Sound Recording (Unknown Format) (1966)
Call number: 780 B15
27 of 32 copies available at Example Consortium.

Server-Stored Workstation Settings

In-Browser Prefs

Hatch Prefs

Server Workstation Prefs

1. [eg.cat.record.summary.collapse](#)



2. [cat.copy.defaults](#)



3. [eg.grid.cat.holdings](#)



```
{
  "columns": [
    {
      "flex": 6,
      "name": "owner_label"
    },
    {
      "flex": 1,
      "name": "volumeCount"
    },
    {
      "name": "copyCount",
      "flex": 1
    }
  ]
}
```

Patron Acquisitions Request

Acquisition Patron Requests

Patron Home Library: BR1

Create Request

Clear Completed Requests

Show Canceled Requests



Actions ▾

Rows 25 ▾

Page 1 ▾



#	<input type="checkbox"/>	User Barcode	Title	Author	Pickup Lib	Place Hold	Request Type	Request Date/Time	Request Status
1	<input type="checkbox"/>	99999389066	1861	Adam Goodheart	BR1	Yes	Books	4/10/2019 4:16 PM	New

Evergreen 3.3 update

- Patron Parent/Guardian Field
- View Bookings In OPAC
- MARC Import/Export Interface Revamp
- Privacy Waiver
- Angular Staff Catalog (plus!) (experimental!!)

Thank you to Andrea Buntz Neiman and Bill Erickson for the slides

Patron Parent/Guardian Field

- Funded by MassLNC
- Developed by Bill Erickson

Santos, Esther Mary

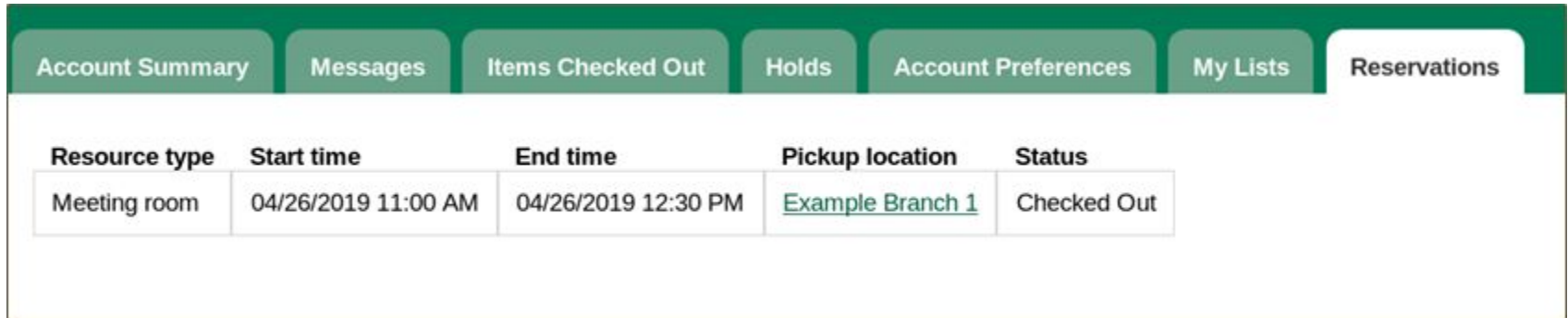


Jones, Esther Leslie (Preferred)

Profile	PatronsZ
Home Library	BR4
Net Access	Filtered
Date of Birth	12/17/1961
Parent/Guardian	Jim & Jane Santos
Last Activity	4/9/2019

View Booking In OPAC

- Developed by Jane Sandberg, Linn-Benton CC



The screenshot displays a user interface for viewing reservations. At the top, there is a navigation bar with several menu items: Account Summary, Messages, Items Checked Out, Holds, Account Preferences, My Lists, and Reservations. The Reservations menu item is highlighted. Below the navigation bar is a table with the following columns: Resource type, Start time, End time, Pickup location, and Status. The table contains one row of data representing a reservation for a meeting room.

Resource type	Start time	End time	Pickup location	Status
Meeting room	04/26/2019 11:00 AM	04/26/2019 12:30 PM	Example Branch 1	Checked Out

MARC Import/Export Interface Revamp

- Developed by Bill Erickson (KCLS)


The screenshot displays the 'MARC File Upload' interface. At the top, there is a navigation bar with a home icon, a search dropdown, and menu items for Circulation, Cataloging, Acquisitions, Booking, and Administration. The user is logged in as 'admin @ BR1-skiddoo'. Below the navigation bar, there are tabs for 'Export', 'Import' (which is active), 'Inspect Queue', 'Record Display Attributes', 'Merge / Overlay Profiles', 'Record Match Sets', 'Holdings Import Profiles', and 'Recent Imports'.

The main section is titled 'MARC File Upload' and contains several rows of configuration options:

- Apply/Create Form Template:** A dropdown menu with 'Apply or Create Form Template...' selected, and buttons for 'Save As New Template', 'Mark Template as Default', and 'Delete Template'.
- Record Type:** A dropdown menu with 'Bibliographic Records' selected.
- Select or Create a Queue:** A dropdown menu with 'Select or Create a Queue...' selected.
- Record Match Set:** A dropdown menu with 'Match Set...' selected.
- Holdings Import Profile:** A dropdown menu with 'Holdings Import Profile...' selected.
- Merge Profile:** A dropdown menu with 'Merge Profile...' selected.
- Insufficient Quality Fall-Through Profile:** A dropdown menu with 'Fall-Through Merge Profile...' selected.
- Best/Single Match Minimum Quality Ratio:** A text input field containing the value '0'.
- Optional Session Name:** A text input field with 'Session Name...' and a note 'No Groups Configured'.
- File to Upload:** A 'Choose File' button and the text 'No file chosen'.

At the bottom of the form is a large green 'Upload' button.


MARC Import/Export Interface Revamp

Show Sessions Since: 

4/17/19, 4:45 PM : **Demo Sesh #2**

<div style="width: 36%; height: 15px; background-color: #4a90e2;"></div>	36%	Queue q2 Importing... Active
--	-----	--

4/17/19, 4:43 PM : **Demo Sesh**

<div style="width: 100%; height: 15px; background-color: #4a90e2;"></div>	100%	Queue q1 Importing... Complete 
---	------	--

Privacy Waiver (Allow Others to Use Account)

- Developed by Jeff Davis (BC Coop)

Allow others to use my account

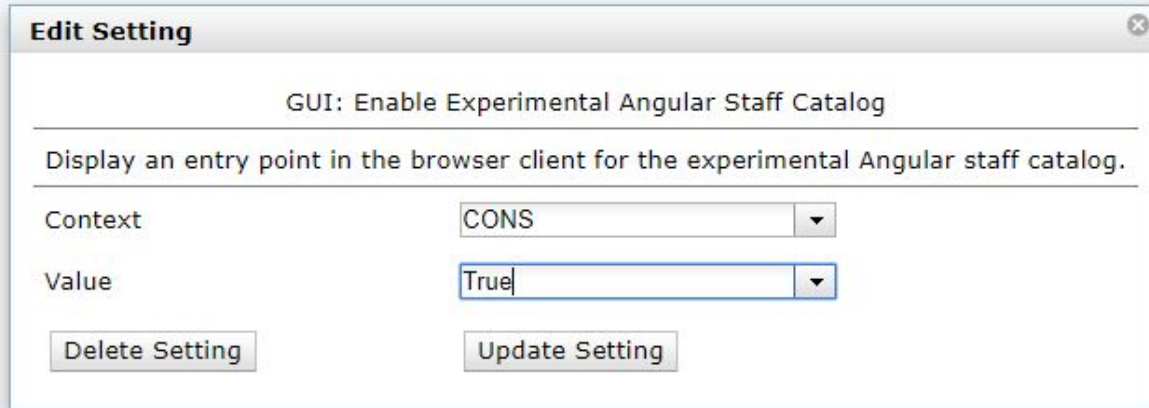
Hermione Granger ✕

Place Holds? Pick Up Holds? View Borrowing History? Check Out Items?

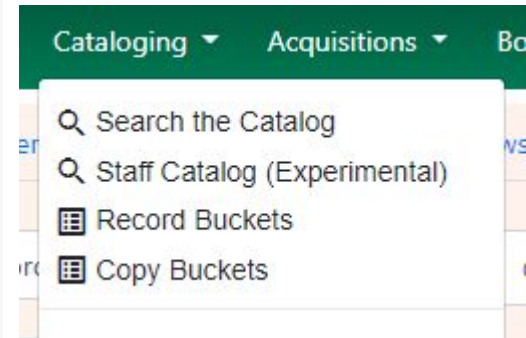
[Add Person](#)

Angular Staff Catalog

- Developed by Bill Erickson (KCLS)
- Rolling release
- Must be enabled to use!



The screenshot shows a dialog box titled "Edit Setting" with a close button in the top right corner. The setting name is "GUI: Enable Experimental Angular Staff Catalog". Below the name is a description: "Display an entry point in the browser client for the experimental Angular staff catalog." The dialog contains two dropdown menus: "Context" is set to "CONS" and "Value" is set to "True". At the bottom, there are two buttons: "Delete Setting" on the left and "Update Setting" on the right.



Angular Staff Catalog

Home Search Circulation Cataloging Acquisitions Booking Administration admin @ BR1-woohoo

Keyword Search Numeric Search MARC Search Browse Shelf Browse

All Formats Keyword Contains piano

Sort by Relevance Limit to Available Group Formats/Editions Results from All Libraries

BR1 Search Reset

(0) Basket Actions...







Search Results (46)

Select 1 - 20

« 1 2 3 »

Personal Author	
Mozart, Wolfgang Amadeus 1756-1791	8
Brahms, Johannes 1833-1897	5
Beethoven, Ludwig van 1770-1827	4
Carter, Elliott 1908-	3
Haydn, Joseph 1732-1809	3

Topic Subject	
Concertos (Piano)	28
Concertos (Violin)	3

1. <input type="checkbox"/>	Piano concerto ; Variations for orchestra Carter, Elliott 1908-  Musical Sound Recording (Unknown Format) 1986	26 / 31 items @ CONS 12 / 14 items @ SYS1 6 / 7 items @ BR1	TCN: 88 Holds: 1	Created 3/1/19 by admin Edited 3/1/19 by admin Place Hold
2. <input type="checkbox"/>	 The piano concertos Chopin, Frédéric 1810-1849  Music Score 1988	27 / 31 items @ CONS 12 / 14 items @ SYS1 6 / 7 items @ BR1	TCN: 45 Holds: 2	Created 3/1/19 by admin Edited 3/1/19 by admin Place Hold
3. <input type="checkbox"/>	 Complete transcriptions, cadenzas, and exercises, for solo piano Brahms, Johannes 1833-1897  Music Score The Vienna Gesellschaft der Musikfreunde ed. 1971	26 / 31 items @ CONS 12 / 14 items @ SYS1 6 / 7 items @ BR1	TCN: 23 Holds: 1	Created 3/1/19 by admin Edited 3/1/19 by admin Place Hold
4. <input type="checkbox"/>	The five piano concertos Beethoven, Ludwig van 1770-1827  Musical Sound Recording (Unknown Format) 1984	26 / 31 items @ CONS 12 / 14 items @ SYS1 6 / 7 items @ BR1	TCN: 63 Holds: 1	Created 3/1/19 by admin Edited 3/1/19 by admin Place Hold

Angular Staff Catalog

Home Search Circulation Cataloging Acquisitions Booking Administration admin @ BR1-woohoo

Keyword Search Numeric Search MARC Search Browse Shelf Browse

BR1 Search Reset

All Formats Keyword Contains piano

Sort by Relevance Limit to Available Group Formats/Editions Results from All Libraries

Start Previous Next End Back to Results (2 / 46) View in Catalog Place Hold Add Holdings Serials Mark For... Other Actions

Record Summary

Title: The piano concertos **Edition:** **TCN:** 45 **Created By:** admin

Copy Table MARC Edit MARC View View Holds Monograph Parts Holdings View Conjoined Items

Rows 10

#	Location	Call Number / ...	Barcode	Shelving Loc...	Circulation M...	Age Hold Pro...	Active/Create...	Holdable?	Status	Due Date
1	BR1	REF BR1 780 ...	CONC40000580 View Edit	Easy Reader			3/1/19	Copy Hold Volume Hold	Available	
2	BR1	REF BR1 780 ...	CONC410005805! View Edit	Easy Reader			3/1/19	Copy Hold Volume Hold	Available	
3	BR1	REF BR1 ML ...	CONC4000080 View Edit	Reference			3/1/19	Copy Hold Volume Hold	Checked out	3/1/19

Evergreen 3.3 Support Updates

- Support for PostgreSQL 9.6 and 10
- Support for Ubuntu 18.04
- Updates by Ben Shum, Jason Stephenson, and Galen Charlton

What's in store for Evergreen 3.4

- Aged billings and payments
- Remote patron authentication and retrieval
- Booking module refresh
- Improved email/printing from public catalog
- Electronic resource integration improvements
- Angular staff catalog improvements
- More Angular interfaces in general

Evergreen 3.4 schedule

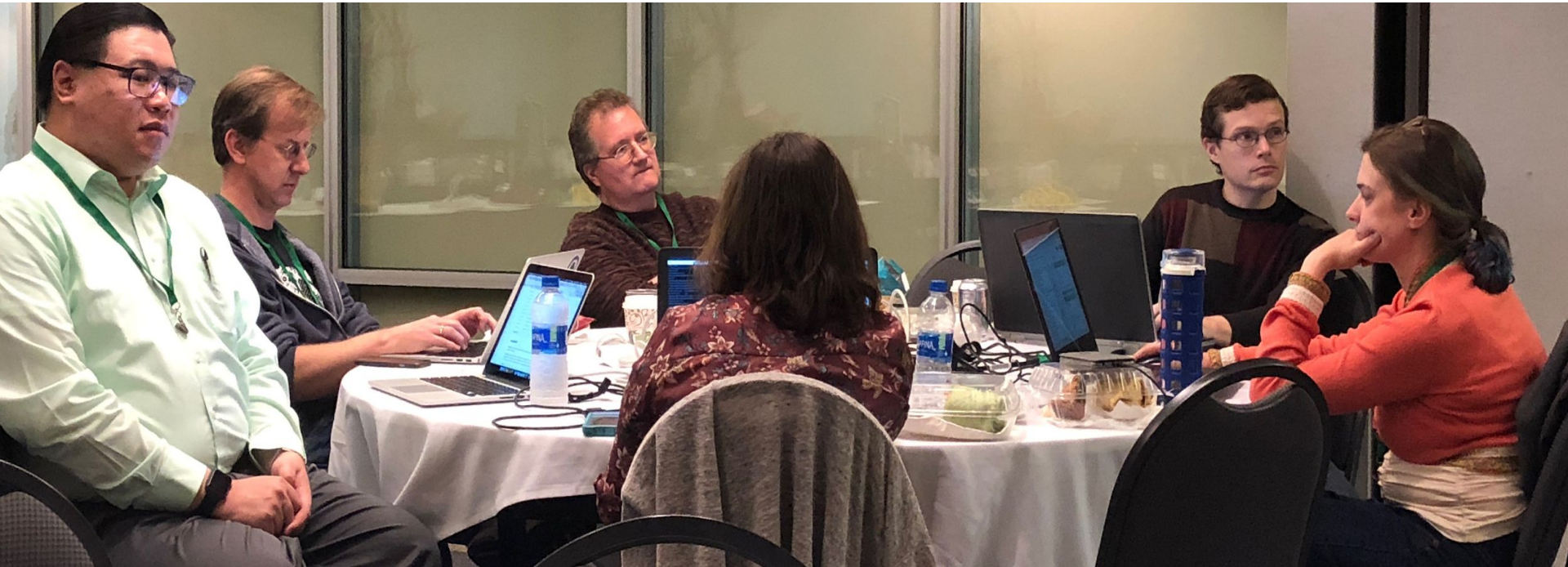
- 23 August 2019: feature slush
- 6 September 2019: feature freeze + first beta release
- 16 September 2019: second beta release
- 25 September 2019: release candidate
- 2 October 2019: general release



Image: CC0

2018 Hack-a-Way

We were hosted by Equinox Open Library Initiative in Atlanta, Georgia.



2018 Hack-a-Way



Evergreen Hack-a-Way 2019 and Beyond

The Hack-A-Way will be hosted this year at the Fort Benjamin Harrison State Park Hotel again. Thank you to Evergreen Indiana and the Indiana State Library for their continued support.

Proposals for hosting the event for 2020 are now open. Information on hosting can be found here: <https://wiki.evergreen-ils.org/doku.php?id=hack-a-way:start>

Proposals should be emailed to rhamby@equinoxinitiative.org

We need you!

Buildmasters!

Coders!

Documenters!

Testers!

Thanks!