

Michael Diedrick
Jozi Schneider

**How hard is it to bring a professional level,
sustainable, advanced CMS to market?**

Slides URL: byte.dev/fosdem

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Jozi Schneider

Greetings et Salutations!

Slides URL: byte.dev/fosdem

1. **About Us**
2. Project Manifesto
3. Parts of a Web Application
4. Parts of a CMS
5. Roadmap and Timeline
6. Case in Point: Signup
7. Totals



Travis



Sonal

Jozi



Michael



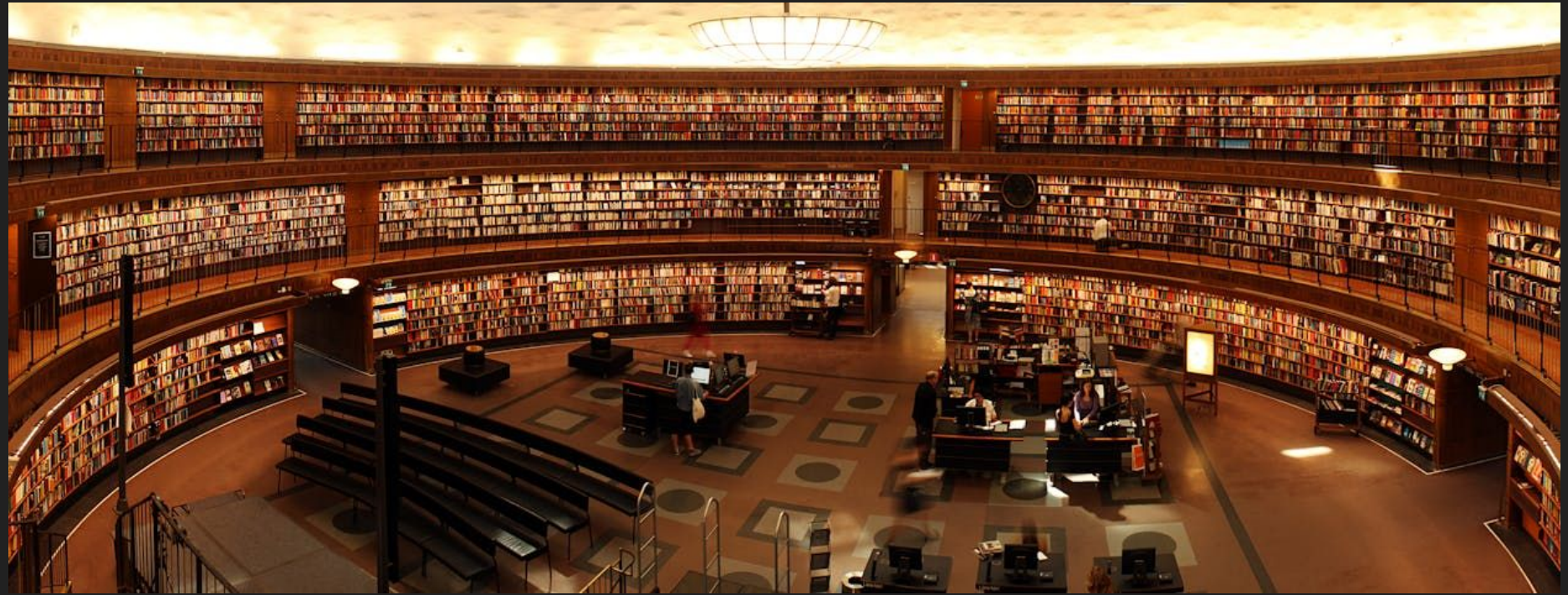


Ryan

Happy
Client

byte





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Project Manifesto

Every project needs a scope, but also needs an ethos including a list of things that it will NOT do.

1. Data Rules
2. Build Rules
3. Functionality Rules
4. Multiplication Factors

Project Manifesto: **Data Rules**

Data must be grokkable at every level and easy in/out.

1. Use a GUI for view / edit (like Sequel Pro)
2. Make it easy to export or switch databases
3. Make the DB itself simple - don't use database for stored procedures or forced relationships / cascading, instead use software
4. Use denormalized data and interface (vs extra tables)
5. ORMs are an abstraction too deep – SQL works!

Project Manifesto: **Build Rules**

Programming is too complicated already.

1. Does Sass/Less save time? No, skip it.
2. Does Typescript give magical powers? No, skip it.
3. Does TDD work at small scale? No, skip it.
4. Do you need a build step, even? No, skip it.

Then define the tools and frameworks you should use.

Project Manifesto: **Functionality Rules**

We as programmers like new and shiny. Don't (yet).

1. Should you build a billing system? Not yet.
2. Should you use websockets for live updates? No.
3. Should you build enterprise features? Not yet.
4. What about chat? Not until you need it.
5. What about administrator workflows / approvals? No.

We want to imagine a big future, but not build it until it's clearly next. We'll probably rebuild by then anyway.

Project Manifesto: Multiplication Factors

We added dark mode: 2 modes

We added builder mode: 2 modes

We added super admin mode: 2 modes

Now we have $2 \times 2 \times 2$ tests for any interface change.

Mo modes, mo problems.

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Parts of a Web Application

1. Defining CI/CD
2. Interfaces
3. Data interfaces
4. Users accounts
5. Performance

Parts of a Web Application: **Defining CI/CD**

1. Hosting, Staging
2. Proofs of concept and experiments
3. Process, language styles for version control
4. Data backup / restore
5. Build / deploy process

Parts of a Web Application: Interfaces

1. Front end frameworks (like Vue)
2. Component libraries (like Quasar)
3. Design system (from brand)
4. Overall systems for z-index, animation, build
5. Notifications, modals for errors & successes

Parts of a Web Application: Data interfaces

1. API architecture
2. Live data via websockets, long polling, etc.
3. Data synching and offline management

Parts of a Web Application: **User Accounts**

1. Login / logout / lost pw / 2FA / banning, etc.
2. Cookies, other auto-login systems
3. Billing / subscriptions

Parts of a Web Application: Performance

1. Error tracking
2. Error management (warning, bugs, notices, etc.)
3. Server processing time and time reporting



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Parts of a CMS

1. Page management (pages and page elements)
2. Navigation management (hierarchical data)
3. Digital Asset Manager
4. Buckets (content on many pages)
5. Data Sources (for events, campaigns, etc.)
6. Themes
7. Settings
8. Admin accounts, processes
9. Search indexes, systems (front and back end)
10. Dashboards and specialized tools

Parts of a CMS: Page Management

Pageviews Unique Views Avg. Time on Page

0 0 0

Settings

Page Information
Page Progress, Display, Navigation Name, Navigation Sub-Text, Header, Header Image, Page Image Alt Text, Embed Image, Embed Image Alt Text

Search Engine Content
Title Tag Override, Meta Description, Meta Keywords

Elements Reorder Add ▾


Body
Click Here to Schedule a Passport Appointment or Photo AppointmentThe Bridgewater branch offers passport services including photo services on Mondays, Tuesday, Thursdays from

What To Bring
Headline: What should I bring when I apply?
Passport Application Checklist:

- Unsigned DS-11 Form
- Proof of citizenship (original and photocopy)
- ...and 5 more.

Passport Services

Body (published)



[Click Here to Schedule a Passport Appointment or Photo Appointment](#)

The Bridgewater branch offers passport services including photo services on Mondays, Tuesday, Thursdays from 10-7 p.m., Wednesdays from 10-2:30 p.m., Fridays from 10-4:30 p.m., and Saturdays from 10-4:30 p.m. Click the link above to schedule.

SCLSNJ also hosts special passport events at the remaining branches throughout the System. We'll visit each location between two and four times throughout the year. **Photo services are available during all passport appointments.**

Questions? Contact a passport agent at (908) 458-8400, option 3.

[2024 Outreach Event Schedule](#)

Location	Hours	How to Schedule
----------	-------	-----------------

Parts of a CMS: Navigation Management

Main Nav

A Milwaukee for All

Changes with new strategic vision in future

Racial Equity and Inclusion- Our North Star

REI Journey

Reimagining Philanthropy

Recentring Communities

Remaking Systems

Greater Together Campaign ?

Priorities for Milwaukee

Early Childhood Education

Equitable Economic Opportunity

Housing

Community Development Alliance

Thriving Communities

ThriveOn Collaboration

Milwaukee Succeeds?

do we name here for prominence and again later?

Tools for Change

Impact Investing

Thrive On Small Business Program

Responsive Grantmaking

Should this include the application tools/info, the past grantmaking results, or both?

*Beyond grants

Civic Engagement

** Research ?*

Convening with our Neighbors

Collaborating with the community

Public Policy

Grants at Work

Grants

* Grants & Past Grants ?

Human side of why grants matter, past grants, etc. ?

Community Partnerships & Initiatives

Milwaukee Succeeds

Community Development Alliance

Nonprofit Management Fund

MKE Civic Action Team

MKE ECE Coalition

ThriveOn Collaboration

Events & Convenings

Greater Together Awards

Could add other awards and rename this to just "awards"

William C. Frye Award

Frank Kirkpatrick Award

Doug Jansson Leadership Award

Reimagining Philanthropy

** Giving Donors Better Opportunities ? Reaching New Donors ?*

* Designing a fund around the donor ?

Advantages of a Fund

* Types of Funds ?

Agency endowment

Legacy Society

Family philanthropy

Donor Advised Funds

Supporting organizations

Investment information (performance, options, committee)

Profiles in Philanthropy

Donor Stories & Articles from the Magazine

Become a Donor

Donate Now or Start a Fund

Start a Fund

Planned giving

Donate to existing "specialty" funds

Parts of a CMS: Digital Asset Manager

The screenshot displays a Digital Asset Manager (DAM) interface. At the top, there is a navigation bar with the 'SCLS' logo and several menu items: 'Site Files', 'Site Pages', 'Site Files', 'Databases', 'Settings & Tools', and 'Builder Tools'. A search bar and user profile icon are also present.

Below the navigation bar is a search and filter section. It includes a search input field, a 'Tags' dropdown menu, and a 'File Directory' dropdown menu. There are also buttons for 'Layout/Mode', 'Date Uploaded', 'File Types', 'Image Sizes', 'Orientations', 'Order', and 'Statuses'.

The main area shows a list of 'INITIALIZED FILES'. The files are displayed in a grid view. The selected file, 'SCLSNJ_Sandoval1.jpg', is highlighted. Below the file list, a detailed view for the selected file is shown. This view includes a thumbnail of the image, the file name, size, and directory. It also has a section for 'Initialization Details' with fields for 'Title*', 'Alt Text*', and 'Expires'. There are buttons for 'Save File Details' and 'Cancel'. At the bottom, there are buttons for 'Rename', 'Move', 'Delete', and 'Replace', and a checkbox for 'Attributions'.

INITIALIZED FILES:

2024_HomeBorrowingLogo-01-400x...	SCLSNJ-Employment-Application-...	SCLSNJ_Voorhees1.jpg	SCLSNJ_Pascoe1.jpg
SCLSNJ_Morgan1.jpg	SCLSNJ_Miracle1.jpg	SCLSNJ_Hooper1.jpg	SCLSNJ_Hoffman1.jpg
SCLSNJ_Auger1.jpg	SCLSNJ_Sandoval1.jpg	Esbo Host.png	proquest_logo.png
HelpNowLogo.png	logo_ebSCO_learningexpress.png	academic-search-premier-button-24...	Strategic-Plan-Report-2022.pdf
mission-banner_1024x225.jpg	PassportsWebsiteBanner_1024x22...	2023_StrategicPlanFramework_8.5x1...	libby_504-400x400.jpg
newsbank-logo-small.png	pressreader_504-400x407.png	Data_axle_logo_300x300.png	udemy_300x300.png
creative-bug-logo_300x300.jpg	amlapp.jpg	MangoLanguages_LogoLanguages_...	Naxos.webp
google-play-badge-300x89.png	google_app_store_badge.png	sclsnjapp.jpg	tbl-logo.webp
GooglePlay.png	Apple_appstore.png	SRC_homepage_boxes_500x358_Fil...	Naxos-Logo-300x179.jpg
job and career accelerator button-240...	consumer-health-complete-button-...	access world news.png	americas news.png

SCLSNJ_Sandoval1.jpg

File Details

SCLSNJ_Sandoval1.jpg
Small (600 x 400 px) 191.24KB
Directory: /

Not Seen on Site

Initialization Details

Title*: Rebecca Sandoval Headshot

Alt Text*: Rebecca Sandoval

Add tag and press enter

Expires: mm/dd/yyyy

Save File Details Cancel

Attributions Attribution Required

Exif Data: >

Parts of a CMS: Buckets



Dr. Seuss Book Readings

Hey, take a look at the earthlings. Goodbye! Yeah, but your scientists were so preoccupied with whether or not they...

[Read Blog Post](#)



An Adult-Themed Post

A short lil post about something for adults

[Read Blog Post](#)

[See All Blogs](#)

Recent Blogs

[Save Bucket](#) [Preview](#)

Name:

Page Regions:

<u>All Pages</u>	<u>Home Page</u>	<u>Secondary Landing Pages</u>
<input type="checkbox"/> Overlay	<input type="checkbox"/> Left Column	<input type="checkbox"/> Bottom Left Column
<input type="checkbox"/> Header Hours	<input type="checkbox"/> Quicklinks	<input type="checkbox"/> Bottom Right Column
<input type="checkbox"/> Header Social Icons	<input type="checkbox"/> Right Column	<input type="checkbox"/> Below Page Content
<input type="checkbox"/> Footer Contact Bar	<input type="checkbox"/> Top Right Column	
<input type="checkbox"/> Left Footer	<input type="checkbox"/> Home Before Podcast Section	
	<input type="checkbox"/> Home After Podcast Section	
	<input type="checkbox"/> Home Bottom	

All Pages (Except Home) Kids page

Right Sidebar Kids Sidebar

Title:

Show bucket at all times

Show bucket on all pages

[Delete Bucket](#) [Save Bucket](#)

Parts of a CMS: Data Sources

← 1-3 of 3 →

draft + Add new record

Break Busters	2024-12-23 00:00:00	2025-01-03 00:00:00
---------------	---------------------	---------------------


published + Add new record

Get Making with Creativebug	2024-12-10 00:00:00	
Celebration of the Seasons	2024-12-11 00:00:00	2024-12-27 18:00:00

← 1-3 of 3 →

id: 775

Save Record Delete Record



File size: ... compress image view image upload image choose local image clear image

Title: Celebration of the Seasons

Body: Celebrate the magic of the winter season with gift making and holiday-themed programs.

Bound Brook branch

Branch Information 402 E High St, Bound Brook, NJ 08805, Phone: 908-458-8410

Branch Hours Sun - Sat: Closed

Holidays & Closings Observing 7 National Holidays and 3 Custom Holidays.

Branch Details No Branch details set.

Hillsborough branch

Branch Information 379 South Branch Rd, Hillsborough, NJ 08844, Phone: 908-458-8420

Branch Hours Sun: 1pm-5pm, Mon - Thu: 10am-8pm, Fri - Sat: 10am-6pm

Holidays & Closings Observing 7 National Holidays and 3 Custom Holidays.

Branch Details No Branch details set.

Branch Hours Of Operation

Sunday	Open	01:00 PM	05:00 PM	+ Add Break
Monday	Open	10:00 AM	08:00 PM	+ Add Break
Tuesday	Open	10:00 AM	08:00 PM	+ Add Break
Wednesday	Open	10:00 AM	08:00 PM	+ Add Break
Thursday	Open	10:00 AM	08:00 PM	+ Add Break
Friday	Open	10:00 AM	06:00 PM	+ Add Break
Saturday	Open	10:00 AM	06:00 PM	+ Add Break

Manville branch

Branch Information 100 South 10th Ave, Manville, NJ 08835, Phone: 908-458-8425

Branch Hours Sun: Closed, Mon - Thu: 10am-8pm, Fri - Sat: 10am-6pm

Holidays & Closings No Holiday hours set.

Branch Details No Branch details set.

Montgomery branch

Branch Information 103 Community Dr, Skillman, NJ 08558, Phone: 908-458-8430

Branch Hours Sun: 1pm-5pm, Mon - Thu: 10am-6pm, Fri - Sat: 10am-6pm

Holidays & Closings Observing 7 National Holidays and 3 Custom Holidays.

Branch Details No Branch details set.

Parts of a CMS: Themes

Images Colors Typography

Cancel Publish Preview

Background 1
255,255,255

Background 1 Dark Mode
0,0,37

Background 2
#FCFCFC

NEW color
Background 2 Dark Mode
#1A1A3B

NEW color
Background 3
#F4F4F4

NEW color
Background 3 Dark Mode
#252525

NEW color
Header 1
#678D99

NEW color
Header 1 Dark Mode
#639EBO

NEW color



SOLOMON COUNTY
PUBLIC
LIBRARY
GROVELAND



Get A Library Card Catalog Blog Services About Us  

Search Catalog Website

Books and Reference Digital Library Events Spaces For You Support the Library



WINTER READING PROGRAM 2023

February 1 - March 18. Read seven hours, visit the library three times, and fill out one book review to be entered to win a \$20 Chamber of Commerce gift certificate!

[PRINT A READING RECORD!](#)

Home Top Right Column Header

Lorem ipsum dolor sit amet
[link to google](#)

TODAY'S HOURS

Visit Us: 12am - 12am
Contact Us: 2625555555

EVENTS

No Adults events! No Children events! No Kids events!
No Teens events!
[View All Events](#)

Parts of a CMS: Settings

The screenshot shows a CMS settings page titled "theme_settings". The interface includes a search bar and a tree view of configuration options. The tree view is expanded to show the "datasource_admin_config_overrides" section, which contains several sub-sections and a "site_specific_css" field.

```
object ▶ datasource_admin_config_overrides ▶  
├── datasource_config_overrides {1}  
├── datasource_admin_config_overrides {4}  
│   ├── campaigns {2}  
│   ├── quicklinks {1}  
│   ├── blog_posts {1}  
│   ├── meeting_documents {1}  
│   └── editor {2}  
│       ├── menu_layout_exceptions [0]  
│       └── editable_settings_field_groups {1}  
│           └── page_information {1}  
│               └── items {3}  
│                   ├── header_image {12}  
│                   ├── header_image_alt_text {4}  
│                   └── embed_image {12}  
└── buckets {3}  
site_specific_css : \n\ta[href*="//\/"]:not(.skip-offsite):not([href*="\{\{req_site_url\}\}/\/"]):after {\n\t\tcontent: "\n";\n\t\twidth: 11px;\n\t\theight: 11px;\n\t\tmargin: 0 0 0 3px;\n\t\t/*background-image: url('/content/_theme_images/icon_offsite_link.png');*/\n\t\tbackground-repeat: no-repeat;\n\t\tbackground-size:
```

Save Settings

Parts of a CMS: Admin Accounts

Name	Email		
<input type="text" value="Rene Margritte"/>	<input type="text" value="margritter@gmail.com"/>		
Role			
<input type="text" value="Specific Permissions"/>			
<p>This feature is currently EXPERIMENTAL and as such may have bugs or not be fully developed! Permissions other than "accessible" are likely to be WIP! If you have a request for a new permission, or an advanced permission doesn't seem to be working properly, or you want us to confirm a particular permission is working before you rely upon it, contact us!</p>			
Site Pages			
<input type="checkbox"/> Site Pages <input type="text" value="All Pages"/>			
Site Files			
<input type="checkbox"/> Site Files			
Databases			
At the Library	Promo & Messaging	Resources	Library Info
<input type="checkbox"/> Alert Messages	<input type="checkbox"/> Campaigns	<input type="checkbox"/> Book Lists	<input type="checkbox"/> Staff and Board
	<input type="checkbox"/> Buckets	<input type="checkbox"/> E-Resources	<input type="checkbox"/> Branches
	<input type="checkbox"/> Quicklinks		
	<input type="checkbox"/> News Posts		
	<input type="checkbox"/> Recommend Reads		
	<input type="checkbox"/> Blog Authors		
Settings & Tools			
Tools	Settings		
<input type="checkbox"/> Issues	<input type="checkbox"/> Site Info & Billing		
<input type="checkbox"/> Tags & Subjects			
<input type="checkbox"/> Search Direct Links			
<input type="checkbox"/> Search Indexer			
<input type="checkbox"/> Download site backup			
<input type="button" value="Save Administrator"/>	<input type="button" value="Delete Administrator"/>		

Parts of a CMS: Search Indexes

winter SEARCH

77 Total Site Results

Upcoming Events! (2)

Feb 10 [STEAM](#)
Monday, February 10 | 4:30 pm | **Warren Township branch**
Join to learn about **winter** snowstorms in this fun and in...

Feb 06 [Adult Take Home Craft Pop-Up Demo](#)
Thursday, February 6 | 11:00 am | **Warren Township branch**
Explore our **winter** take home craft. In this pop ...


Recommended Reads (11)

[For Kids and Their Grown-ups: America's National Parks](#)
...ted with the 1777 and 1779-80 **winter** encampments of the
Continenta...

[For Kids and Their Grown-Ups "Don't Worry, Wuddles" by Lita Judge](#)
...ian Duckling is prepping for **winter** and turns to Wuddles, the woo...

[For Kids and Their Grown-Ups: Favorite Picture Books of 2024](#)
...O of my favorites: "Counting **Winter**" by Nancy White Carlstrom; il...


[For Kids and Their Grown-Ups : "If I Had a Polar Bear" by Gabby Dawney; illustrated by Alex Barrow](#)
...brarian Just in time for the **winter** season, author Gabby Dawney a...

LOAD MORE (7) 

News (36)

[Connect with Your Community Through Winter Holiday Programs at Your Library](#)
The **winter** holidays are the time of year...

[Explore SCLSNJ's December 2022 through February 2023 Virtual Programs](#)
...6986765. How the The Hard **Winter** of 1880- 81 Became "The Long ...

LOAD MORE (32) 


Pages (28)

[Home - SCLS](#)
...words Cargill, Honor Counting **winter** Carlstrom, Nancy White My
dog...

[Local history / genealogy - SCLS](#)
...liam A Schleicher and Susan J **Winter** The Indians of Lenapehoking (...)

[Teen Volunteering - SCLS](#)
...Certificate Request January 8 **Winter** (January 1 – March 31) ...

[January Indie Next List](#)
..." by Aria Aber " The Heart of **Winter** " by Jonathan Evison " Hello ...

LOAD MORE (24) 

Parts of a CMS: Dashboards & Special Tools

Your Dashboard

COLLATA GUIDE

Website Task List

Custom Domain

Manage

Go live!

Add to Site

New Event

New Booklist

New Blog Post

New e-Resource

Import New Materials CSV

Your Shortcuts

You have no Shortcuts

Upcoming Events

13 Today 7 Tomorrow 8 Sat 2/01 0 Sun 2/02 13 Mon 2/03 17 Tue 2/04

DATE	TIME	TITLE	LOCATION	SITE LINK	ADMIN LINK	REG/WAITLIST OF CAPACITY
Thu 1/30	10:15 - 10:45am	Baby Storytime	Bridgewater branch	Site	Admin	Admin
Thu 1/30	10:30am - 12pm	Puzzle Piece Heart Decoration for Adults	Hillsborough branch	Site	Admin	Admin
Thu 1/30	10:30 - 11am	Toddler/Preschool Storytime	Warren Township branch	Site	Admin	Admin

12 / 4 of 12

10 / 0 of 15

New!

1/24/25 New help system is available. At the top left of any tool page will be a dark red question mark, click to open. It's in beta, so please report any issues.

12/20/24 New site forwards (vanity URLs or other forwards) tool available in Settings > Tools. [Go to Forwards](#)

12/09/24 New site backup tool available in Settings & Tools. [Go to Site Backups](#)

8/28/24 We added top content to the dashboard below. This will show the most viewed pages, events, etc. on your site. Scroll down under this pane to see the new panel.

Team Members

Editorial Team Support Team

IMAGE	NAME	EMAIL	CREATED
	Rene Magritte	magritter@gmail.com	January 24, 2025
	Jean Arp	arpj@gmail.com	January 22, 2025
	Jacque Brel	brelj@gmail.com	January 21, 2025
	Adolphe Sax	saxa@gmail.com	January 15, 2025
	Georges Simenon	simenong@gmail.com	December 17, 2024



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Roadmap & Timeline



7/25/24

2020

TASKS

Idea Development ✓
Schema Modeling ✓
Information Architecture ✓
Full Twig FE ✓

2021

TASKS

Import Live Sites ✓
API Development ✓
Internal Documentation ✓
Brand ✓
Build ✓

2022

TASKS

Custom Tools ✓
FE Data Modeling ✓
Issues System ✓
Server/git/Github ✓
Standalone POC ✓

2023

TASKS

Collata Website ✓
Signup Process ✓
Signup Sitemaps ✓
Signup Live ✓
Functiona Testing ✓

2024

TASKS

3 Distinct FE Themes
Site Editor v4
Documentation

2025

TASKS

Full Mobile
Issues v2
Standalone
Standalone Migration
Standalone Open Source Site
Full Commerce
Spaces Commerce?
Marketing

2026

TASKS

Standalone Migration
Full Commerce
Spaces Commerce?
SSO?
Export Publishing?
Design System?

Roadmap & Timeline: 2020

1. Idea Development ✓
2. Schema Modeling ✓
3. Information Architecture ✓
4. Full Twig Front End ✓

Deliverable: Proofs of Concept

Roadmap & Timeline: 2021

1. Import Live Sites (data checks) ✓
2. API Development ✓
3. Internal Documentation ✓
4. Branding ✓
5. Build System ✓

Deliverable: Beta Sites

Roadmap & Timeline: 2022

1. Custom Site Tools ✓
2. Front End Data Modeling ✓
3. Issues System ✓
4. Server/git/Github ✓
5. Standalone Open Source POC ✓

Deliverable: First Production Site Live

Roadmap & Timeline: 2023

1. Collata Website ✓
2. Signup Process ✓
3. Signup Sitemaps ✓
4. Signup ✓
5. Functional Testing ✓

Deliverable: Second Production Site Live

Roadmap & Timeline: 2024

1. 3 Distinct Front End Themes
2. New Page Editor Design
3. Documentation
4. GCSV Export and Import System

Deliverable: Sign up live; Third and forth site live

Roadmap & Timeline: 2025

1. Full Mobile
2. Issues v2
3. Standalone and Standalone Migration
4. Open Source Site
5. Marketing

Deliverable: Fifth Site Live; Open Source Released

Roadmap & Timeline: 2026

1. Standalone Migration
2. Full Commerce
3. Export Publishing
4. Design System

Deliverable: ???



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Case in Point: Signup

Purpose:

Actually create the site, configs, create administration accounts, create the site map, load branch information, choose a theme, etc.

Case in Point: Signup

Process:

1. Wireframe and design signup process (1 month)
2. HTML/CSS, JS (Vue application) (1 month)
3. Signup API (2 months)
4. Testing/Tuning (1 month)

Case in Point: Signup

Process:

1. Wireframe and design signup process (1 month)
2. HTML/CSS, JS (Vue application) (1 month)
3. Signup API (2 months)
4. Testing/Tuning (1 month)
5. Scope expansion (!)
6. Scope expansion (!!)
7. Scope expansion (!!!!)
8. Scope expansion (!)
9. Scope expansion (!!!!)

Case in Point: Signup

Step 1/9

Your Information

Total Feature Price: ~~\$0/month~~ FREE

First Name*:

Last Name*:

Job Title:

Email Address*:

Create Password*:

Confirm Password*:

Next

Case in Point: Signup

Step 2/9

About the Library/Org.

Total Feature Price: ~~\$0/month~~ FREE

Library/Org. Name*:

Staging URL*:

.digitalbranch.org

Library Service Population*:

Social Media:



URL:

Add a social presence

Previous

Next

Case in Point: Signup

Step 3/9

Branches

Total Feature Price: ~~\$18/month~~ FREE

▼ Main Branch:

Name:

Address:

City:

Zip:

Phone Number:

Base Hours (edits such as special/summer hours, holidays, and split hours will be available to manage after signing up):

		Opens At*:		Closes At*:
Sunday	<input type="checkbox"/> closed	--:-- -- <input type="text"/>	-	--:-- -- <input type="text"/>
Monday	<input type="checkbox"/> closed	--:-- -- <input type="text"/>	-	--:-- -- <input type="text"/>
Tuesday	<input type="checkbox"/> closed	--:-- -- <input type="text"/>	-	--:-- -- <input type="text"/>
Wednesday	<input type="checkbox"/> closed	--:-- -- <input type="text"/>	-	--:-- -- <input type="text"/>
Thursday	<input type="checkbox"/> closed	--:-- -- <input type="text"/>	-	--:-- -- <input type="text"/>

Case in Point: Signup

Step 4/9

Library Features

Total Feature Price: ~~\$18/month~~ FREE

Catalog (ILS) URL (for site links)*:

https://ils.mylibrary.org

ILS Public Name (for site links)*:

Our Library Catalog

ILS Vendor*:

Vendor Name

Previous


Next

Case in Point: Signup

Step 5/9

Website Features

Total Feature Price: ~~\$18/month~~ FREE

- Custom Domain - \$10/month**
Bring your own domain and we'll manage the security certificates. (Otherwise use the yourname.digitalbranch.org staging name.)
- Blogs - \$5/month**
Blogs (or news) are an explorable and taggable yet ephemeral way to communicate programs and events, and have can be added to other pages and tools.
- Book Lists - \$5/month**
Create book lists around audiences, interests, librarian favorites, etc. Can be books, e-books, DVDs and other non-book materials.
- Events - \$10/month**
Events, including events calendar with list and month view, individual event pages, start and end dates and more.
- Meeting and Minutes Manager - \$5/month**
Have a simple, clear database of meetings, meeting minutes, youtube or other video/audio embeds and other documents related to each meeting.
- Event Registrations - \$25/month**
Event reservations including wait lists, maximum spaces, reservation guests, event notifications via email, event lists and actions and more.
- Site Users - \$5/month**
 User accounts to allow people to see their and previous events registrations or space reservations. (Requires Event Registrations or Space Reservations)
- Spaces - \$5/month**
Describe and Display special spaces within your library
- Space Reservations - \$25/month**
Full space reservations system, including space hours, min/max
- Staff and Board - \$5/month**
Allows for staff and board database.
- Podcasts - \$5/month**
Load from your podcast provider's RSS feed for an on-site embed, and include in site
- Eresources - \$5/month**
Dynamic List of Eresources the library provides, including an explorable interface, search

Case in Point: Signup

Step 6/9

Create Global Site Tags

Total Feature Price: ~~\$18/month~~ FREE

Site tags are a consistent way to tag any number of data types, and allow a site's events, blog posts, book lists, etc. to be seen in multiple places from the home page to buckets.

Audiences

Create any specific audiences that events, blog posts, book lists, etc. could be commonly used.

- Kids
- Teens
- Adults

■ ✓

Add another audience type +

Subjects

Create any specific subjects that events, blog posts, book lists, etc. could be commonly used. These are often related to a library's programs.

- Business & Finance -
- Career Development -
- Genealogy -
- Summer Reading -
- Technology -

Add another subject type +

Previous

Next

Case in Point: Signup

Step 7/9

Site Map Themes

Total Feature Price: ~~\$18/month~~ FREE

Sitemaps explore how content layout and hierarchy can exist on a website to meet audience needs. There are different themes, like service-based, value statements, and audiences. In the end, the best sitemap connects with the defined audiences and their needs and tells a story.

Step 1: Select a site map theme

Offerings/Service Theme

Pages are assigned a location depending on how they relate to your library, its offerings, and different forms of media

Value Statement Theme

Pages are assigned locations depending on the larger way in which they can have an impact on users

Audience Theme

Pages are assigned a location depending on which age group they are most relevant to. Some may occur multiple times

Step 2: Add, delete, and reorder pages

Offerings/Service Theme

This is a starting point. You'll have the opportunity to continue adding, editing and renaming at anytime.

offerings, and different forms of media

an impact on users

relevant to. Some may occur multiple times


Step 2: Add, delete, and reorder pages

Offerings/Service Theme

This is a starting point. You'll have the opportunity to continue adding, editing and renaming at anytime.

Main Navigation

The main navigation tells a story and ends with actions

-  Books & Media
- ⋮ Books & eBooks
- ⋮ Interlibrary Loan
- ⋮ Digital Magazines & Newspapers
- ⋮ Suggest a Title
- ⋮ Book Lists
- ⋮ Pathfinder Pages
- ⋮ Watch & Listen

Utility Navigation

The utility navigation goes above the main navigation and should be indexable and useful

- ⋮ Account Overview
- ⋮ Password Reset
- ⋮ Manage Registrations
- ⋮ Manage Reservations
- ⋮ Get a Library Card
- ⋮ Catalog
- ⋮ About Us
- ⋮ Mission & Vision

Footer Navigation

The footer will display the full site map for easy searching and house other useful links

⋮ Privacy Policy

Add another section +



1. About Us
2. Project Manifesto
3. Parts of a Web Application
4. Parts of a CMS
5. Roadmap and Timeline
6. Case in Point: Signup
7. **Difficulty (Time Totals)**

Difficulty (Time Totals By Feature)

Step 6/9

Create Global Site Tags

Total Feature Price: ~~\$18/month~~ FREE

Site tags are a consistent way to tag any number of data types, and allow a site's events, blog posts, book lists, etc. to be seen in multiple places from the home page to buckets.

Audiences

Create any specific audiences that events, blog posts, book lists, etc. could be commonly used.

- Kids
- Teens
- Adults
-

Add another audience type +

Subjects

Create any specific subjects that events, blog posts, book lists, etc. could be commonly used. These are often related to a library's programs.

- Business & Finance -
- Career Development -
- Genealogy -
- Summer Reading -
- Technology -

Add another subject type +

Previous

Next

Signup

5 Months

Difficulty (Time Totals By Feature)

The screenshot displays a Digital Asset Manager (DAM) interface. At the top, there is a navigation bar with 'SC LS' logo, 'Site Files' dropdown, and various tool menus like 'Site Pages', 'Site Files', 'Databases', 'Settings & Tools', and 'Builder Tools'. Below the navigation is a search bar and several filter controls for tags, file directory, layout mode, date uploaded, file types, image sizes, orientations, order, and statuses.

The main area shows a grid of 'INITIALIZED FILES'. A file named 'SCLSNJ_Sandoval1.jpg' is selected, and a modal window is open for its details. The modal is divided into two panes: 'File Details' and 'Initialization Details'.

File Details:

- File Name: SCLSNJ_Sandoval1.jpg
- Size: Small (600 x 400 px) 191.24KB
- Directory: /
- Status: Not Seen on Site
- Actions: Rename, Move, Delete, Replace
- Exif Data: >

Initialization Details:

- Title*: Rebecca Sandoval Headshot
- Alt Text*: Rebecca Sandoval
- Add tag and press enter
- Expires: mm/dd/yyyy
- Buttons: Save File Details, Cancel
- Options: Attributions, Attribution Required

Digital Asset
Manager

6 Months

Difficulty (Time Totals By Feature)

The screenshot shows the Kent County Public Library website. At the top left is the logo for Kent County Public Library (KCPL). To the right of the logo are navigation links: LIBRARY ACCOUNT, CATALOG, ABOUT KCPL, and social media icons for Facebook and YouTube. A search bar is located on the right side of the header. Below the header is a main navigation menu with categories: READ, LISTEN & WATCH; EXPLORE, DISCOVER & FIND; PROGRAMS & EVENTS; TECHNOLOGY SUPPORT; EDUCATIONAL & CAREER SUPPORT; and COMMUNITY ENGAGEMENT & SUPPORT.

The main content area features a large graphic for 'Relaxing Hour' with a blue seal that says 'Adults'. Below the graphic, the text reads: 'RELAXING HOUR - TIME FOR YOU! Re-focus and de-stress at the with a relaxing craft, camaraderie, and light refreshments at the Rock Hall Branch! Featured activity: vision boards Adults (ages 18+) Space is limited, please register.' At the bottom of this section is a button that says 'REGISTER FOR RELAXING HOUR'.

To the right of the graphic, there are two sections: 'TODAY'S HOURS' and 'EVENTS'. 'TODAY'S HOURS' lists locations: Chestertown, North County, and Rock Hall. It provides visit hours (9:30am - 6pm) and a contact number (410.778.3636). 'EVENTS' lists three upcoming events: 'Winter Reading Challenge 2025: Be a Reading Machine' on Jan 1 (All Day), 'Games & Gadgets' on Feb 4 (4:00 - 5:30 PM), and 'Board Game and Puzzle Swap' on Feb 18 (11:00 AM - 1:00 PM). A 'VIEW ALL EVENTS' link is at the bottom of the events section.

Front End

12 Months

Difficulty (Time Totals By Feature)

The screenshot shows the SC LS Campaigns Timeline interface. The top navigation bar includes 'SC LS', 'Campaigns', 'Site Pages', 'Site Files', 'Databases', 'Settings & Tools', and 'Builder Tools'. The main content area is titled 'Campaigns Timeline' and shows a list of records. The first record is a 'draft' for 'Break Busters' with dates 2024-12-23 to 2025-01-03. The second record is 'published' for 'Get Making with Creativebug' with dates 2024-12-10 to 2024-12-11. The third record is 'published' for 'Celebration of the Seasons' with dates 2024-12-11 to 2024-12-27. A detailed view of the 'Get Making with Creativebug' record is shown on the right, featuring an image of a sewing machine and the text 'GET MAKING WITH creativebug'. Below the image is a title field containing 'Get Making with Creativebug' and a rich text editor with various formatting options.

Category	Record	Start Date	End Date	Thumbnail
draft	Break Busters	2024-12-23 00:00:00	2025-01-03 00:00:00	
published	Get Making with Creativebug	2024-12-10 00:00:00		
published	Celebration of the Seasons	2024-12-11 00:00:00	2024-12-27 18:00:00	

Record Details:

- Id: 776
- Image:
- Title: Get Making with Creativebug

Data Editors

16 Months

Difficulty (Time Totals By Feature)

Bridgewater branch Save Record

Branch Information
1 Vogt Dr.
Bridgewater, NJ 08807
Phone: 908-458-8415

Branch Hours
Sun: 1pm-5pm, Mon - Thu: 10am-8pm, Fri - Sat: 10am-6pm

Holidays & Closings
Observing 7 National Holidays and 8 Custom Holidays.

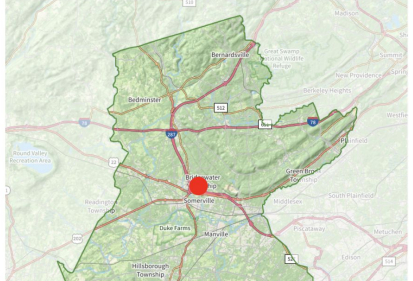
Branch Details
No Branch details set.

Branch description

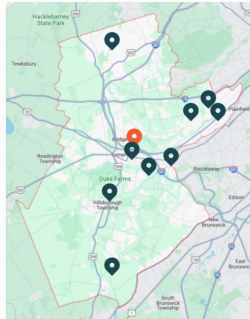
Our main branch, located in Bridgewater.
Plenty of parking is available and we're on the 16, 17 and 19 bus lines.

[ROUTE BY GOOGLE MAPS](#)

Branch location xy



Locations & Hours



Bridgewater branch 1 Vogt Dr. Bridgewater, NJ 08807 908-458-8415 Sunday: 1pm - 5pm Monday - Thursday: 10am - 8pm Friday - Saturday: 10am - 6pm	Bound Brook branch 402 E High St. Bound Brook, NJ 08805 908-458-8410 Sunday - Saturday: Closed	Hillsborough branch 379 South Branch Rd. Hillsborough, NJ 08844 908-458-8420 Sunday: 1pm - 5pm Monday - Thursday: 10am - 8pm Friday - Saturday: 10am - 6pm
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Branches Map

3.5 hours

(usable by
any data
source)

Difficulty (Time Totals By Feature)

Success!

- Being able to fulfill any client / internal requests
- Adding substantial updates in a day or two
- Letting experimentation and new ideas drive product

