Opencast UI Rewrite

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Overview

- Motivation
- Where to find
- Current state
- What's next to come
- Libraries and Technologies
- Demo
- Questions

Motivation

- End of support AngularJS
- AngularJS and Angular 2 different
- React already used in Opencast project

Where To Find

Current State

- Table View of Resources
- Table Filter
- Translation
- State Management
- Mock Backend
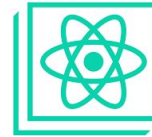- Wizards for adding Resources

What's next to come

- Delete and Edit of Resources
- Connection to Video Editor
- Role and User Management
- Community Wishes
- Connection to running Opencast instance

Libraries and Technologies

Live Demo

Panel 1:

OPENCAST

Events | Series

Here is space for a name ▾

| 12000 Recording | 12000 Paused | 12000 Todo | 12000 Failed | 12000 Running | 12000 Today | 12000 Tomorrow | 12000 Yesterday | 12000 Finished | 12000 Scheduled |

+ Add event

Events
4 rows

Actions ▾   Search...

Edit

	Title	Presenter(s)	Series	Date	Start	Stop	Location	Published	Status	Actions
☐	Mock Event Planned	Peter Planner		8/31/18	2:00 pm	2:55 pm	F300.1		Scheduled	
☐	Mock Event Processing	Peter Processor		8/10/18	1:22 pm	1:22 pm			Running	
☐	Mock Event Unpublished	Usain Unpublished		8/10/18	2:39 pm	2:39 pm			Finished	
☐	Mock Event Published	Pamela Published		8/10/18	2:36 pm	2:36 pm		Yes	Finished	

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10 ▾

Panel 2:

OPENCAST

Events | Series

Here is space for a name ▾

| 12000 Recording | 12000 Paused | 12000 Todo | 12000 Failed | 12000 Running | 12000 Today | 12000 Tomorrow | 12000 Yesterday | 12000 Finished | 12000 Scheduled |

+ Add event

Events
4 rows

Actions ▾   Search...   Status:Tomorrow✖

Delete

Start Task

Edit scheduled events

BULK_ACTIONS.EDIT_EVENTS_METADATA.CAPTION

Edit

	Title	Presenter(s)	Series	Date	Start	Stop	Location	Published	Status	Actions
☐	Mock Event Planned	Peter Planner		8/31/18	2:00 pm	2:55 pm	F300.1			
☑	Mock Event Processing	Peter Processor		8/10/18	1:22 pm	1:22 pm				
☐	Mock Event Unpublished	Usain Unpublished		8/10/18	2:39 pm	2:39 pm			Finished	
☐	Mock Event Published	Pamela Published		8/10/18	2:36 pm	2:36 pm		Yes	Finished	

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10 ▾

OPENCAST

12000	12000	12000	12000	12000	12000	12000	12000	12000	12000
Recording	Paused	Todo	Failed	Running	Today	Tomorrow	Yesterday	Finished	Scheduled

+ Add event

Events   Series

Events
4 rows

Actions ⌄   🔍 Search...   ▼ Contributors:Opencast Project Administrator✖ ✖ ⚙

Saved filter sets ✖

No saved filters yet

Save

Edit

	Title	Presenter(s)	Series	Date	Start	Stop	Location	Published	Status	
☐	Mock Event Planned	Peter Planner		8/31/18	2:00 pm	2:55 pm	F300.1		Scheduled	
☐	Mock Event Processing	Peter Processor		8/10/18	1:22 pm	1:22 pm			Running	☰ ⊗ ✄ 📁 ⚲
☐	Mock Event Unpublished	Usain Unpublished		8/10/18	2:39 pm	2:39 pm			Finished	☰ ⊗ ✄ 💬 📁 ⚲
☐	Mock Event Published	Pamela Published		8/10/18	2:36 pm	2:36 pm		Yes	Finished	☰ ⊗ ✄ 📁 ⚲

‹ 1 ›

10
20
50
100
10 ⌄

▼ Contributors:Opencast Project Administrator✖ ✖ ⚙

Save filter set ✖

Name *

test

Description

Description…

Cancel   Save

Edit

Create event

Metadata — Source — Asset Upload — Processing — Access policy — Summary

Metadata

Title*	test
Subject	
Description	This is a description
Language	No option selected
Rights	
License	CC-BY-ND
Series	
Presenter(s)	Opencast Project Administrator
Contributor(s)	

Next

Actio...

S
Sc...
Ru...
Fir...
Fir...

Create event

Metadata — Source — Asset Upload — Processing — Access policy — Summary

Select source

- ● Upload
- ○ Schedule single event
- ○ Schedule multiple events

Recording elements

Multiple parts A set of files containing different parts of the event.	Choose File presentatio…85a35cf.mp4	⊗
Audio only The file contains only audio.	Choose File No file chosen	⊗
Presenter The file contains a recording of a person speaking to an audience.	Choose File presentatio…85a35cf.mp4 presentation_6c28f937_c9ea_425b_b2b0_6a22a85a35cf.	⊗
Slides The file contains a recording of a slide presentation (Keynote, Powerpoint, etc).	Choose File No file chosen	⊗

Recording metadata

Start date	3/17/21 8:54 am

Previous **Next**

Create event

Metadata — Source — Asset Upload — Processing — Access policy — Summary

Select source

○ Upload
○ Schedule single event
● Schedule multiple events

Schedule

Time zone	UTC
Start date *	
End date *	
Repeat on *	Mo ☐
Start time *	
Duration *	
End time *	
Location *	agent3
Inputs *	☐ Camera ☐ Presentation ☐ Microphone

2021
Wed, Mar 17

‹ March 2021 ›

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

CANCEL   OK

Previous   Next

Create event

Metadata — Source — Asset Upload — Processing — Access policy — Summary

Select source

○ Upload
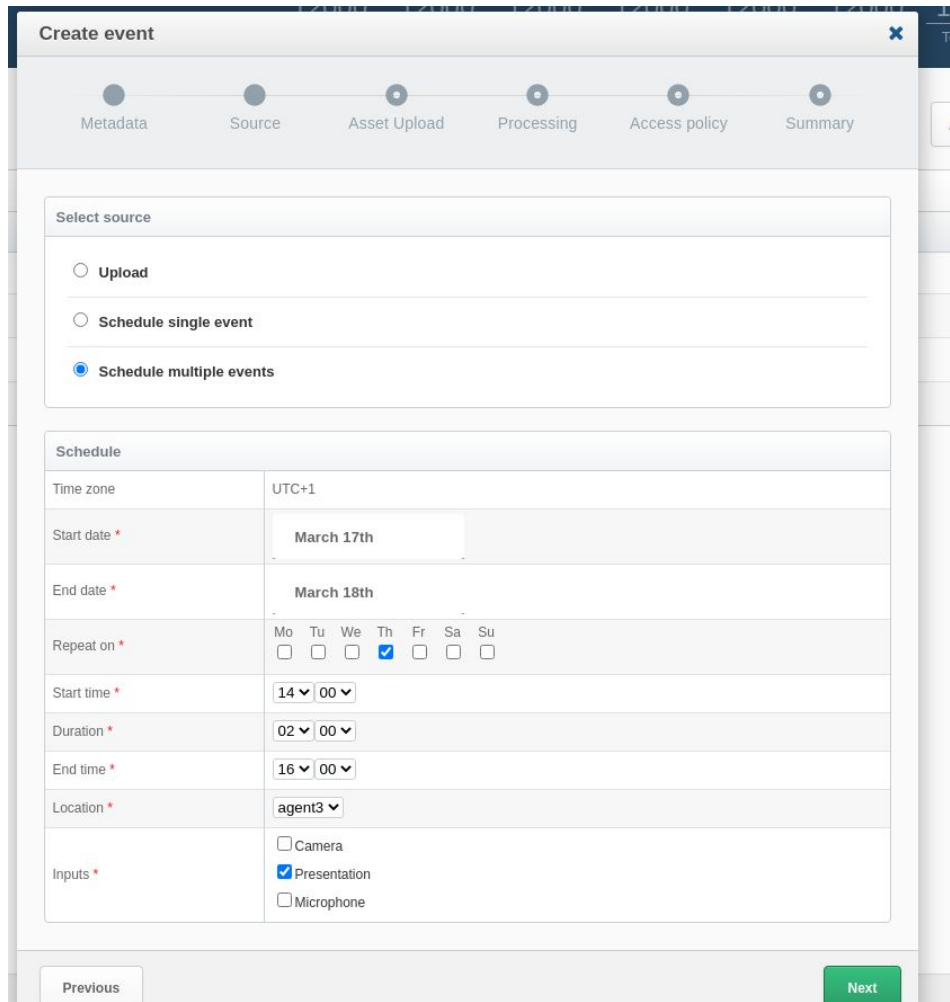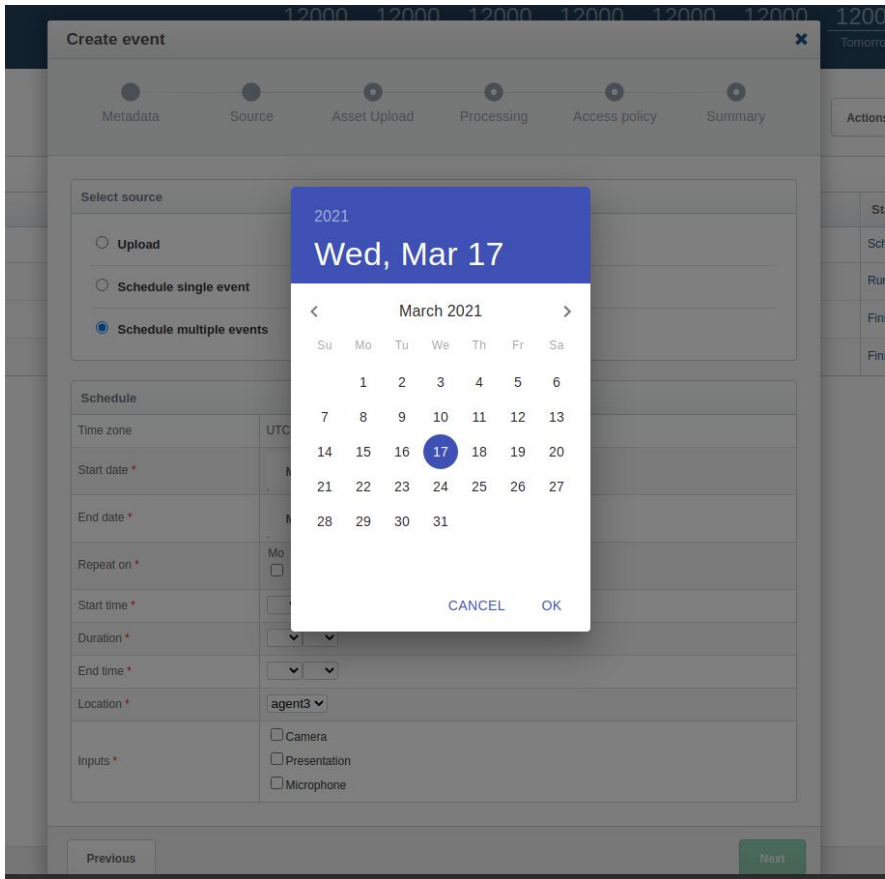○ Schedule single event
● Schedule multiple events

Schedule

Time zone	UTC+1
Start date *	March 17th
End date *	March 18th
Repeat on *	Mo ☐ Tu ☐ We ☐ Th ☑ Fr ☐ Sa ☐ Su ☐
Start time *	14 ▾ 00 ▾
Duration *	02 ▾ 00 ▾
End time *	16 ▾ 00 ▾
Location *	agent3 ▾
Inputs *	☐ Camera ☑ Presentation ☐ Microphone

Previous   Next

Scheduling error: Schedule end has to be later than the start. ✖

Select source

- ○ **Upload**
- ○ **Schedule single event**
- ● **Schedule multiple events**

Schedule

Time zone	UTC+1
Start date *	March 17th

Create event ✖

● Metadata —— ● Source —— ● Asset Upload —— ○ Processing —— ○ Access policy —— ○ Summary

Select asset type

attachment_attachment_notes	Choose File No file chosen	⊗
catalog_captions_dfxp	Choose File No file chosen	⊗
attachment_text_webvtt	Choose File test.mp4 test.mp4	⊗
attachment_presenter_search_preview	Choose File No file chosen	⊗

Previous   Next

Create event ✖

● Metadata —— ● Source —— ● Asset Upload —— ○ Processing —— ○ Access policy —— ○ Summary

Select workflow

Fast Testing Workflow ⌄

Add a comment that the recording needs:
- ☐ Review / Cutting

Immediately distribute the recording to:
- ☑ Opencast Media Module
- ☑ Default OAI-PMH Repository

Publish live stream:
- ☐ Add live event to Opencast Media Module

Previous   Next

Create event

Left panel

Metadata — Source — Asset Upload — Processing — Access policy — **Summary**

⚠ Rules have to contain a valid role and read or/and write right(s). ✖

Access policy

At least one role with Read and Write permissions is required.
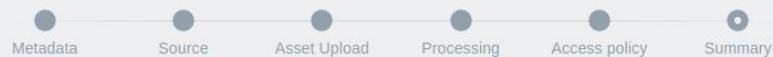
Templates

1st ACL ▾

Details

Role	Read	Write	Additional Actions	Actions
ROLE_ADMIN ▾	☑	☑	✎	⊗
ROLE_ANONYMOUS ▾	☐	☐	✎	⊗

+ New policy

Previous   Next

Right panel

Metadata — Source — Asset Upload — Processing — Access policy — **Summary**

Access policy

At least one role with Read and Write permissions is required.

Templates

1st ACL ▾

Details

Role	Read	Write	Additional Actions	Actions
ROLE_ADMIN ▾	☑	☑	✎	⊗
ROLE_ANONYMOUS ▾	☑	☐	annotate ✎	⊗

+ New policy

Previous   Next

Here is space for a name

+ Add series

Events **Series**

Series
2 rows

Actions

Search...

Edit

	Series	Organizer(s)	Contributor(s)	Created	Actions
☐	Mock Series	Ophelia Organizer	Carl Contributor Carmen Contributor	8/13/18 9:20 am	☰ ⊗
☐	Mock Series 2	Olaf Organizer	Carmen Contributor	8/13/18 10:58 am	☰ ⊗

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10 ⌄

Create series ✕

● Metadata   ● Access policy   ● Theme   ● Summary

Metadata

Title*	testing	✎
Subject	This is a subject	✎
Description		✎
Language	No option selected	✎
Rights	none	✎
License	CC-BY-NC-ND	✎
Organizer(s)	Carmen Contributor Charles Contributor	✎
Contributor(s)		✎
Publisher(s)		✎

Next

Create series ✕

● Metadata   ● Access policy   ● Theme   ● Summary

Access policy

At least one role with Read and Write permissions is required.

Templates

2nd ACL

Details

Role	Read	Write	Additional Actions	Actions
ROLE_ADMIN	☑	☑	✎	⊗
ROLE_ANONYMOUS	☑	☐	✎	⊗

+ New policy

Previous   Next

Create series

Metadata — Access policy — Theme — Summary

Theme

You can optionally use themes to brand your videos. Themes may define bumper and trailer videos, watermarks and title slides including metadata.

Only Title slide (no Introduction movie)

This Theme shows a title slide for 2 seconds

Previous   Next

Edit Table View

Select the default data you would like displayed in the Series view

Available columns	Selected columns
Created	Series
	Organizer(s)
	Contributor(s)
	Actions

The order and selection will be saved automatically. Press "Reset" to restore the default view.

Cancel   Save

Create series

Metadata — Access policy — Theme — Summary

Metadata

Title	testing
Subject	This is a subject
Rights	none
License	CC-BY-NC-ND
Organizer(s)	Carmen Contributor, Charles Contributor

Access policy

Role	Read	Write	Additional Actions
ROLE_ADMIN	☑	☑	
ROLE_ANONYMOUS	☑	☐	

Theme

Theme	Only Title slide (no Introduction movie)

Previous   Create

Locations

3 rows

Search… Edit

Status	Name	Last updated	Actions
🟢 Idle	agent1	5/26/14 5:37 pm	☰ ⊗
🔴 Error	agent2	3/11/16 4:15 pm	☰ ⊗
🔵 Uploading	agent3	5/26/14 5:37 pm	☰ ⊗

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10 ⌄

Jobs

2 rows

Search… Edit

Job Identifier	Status	Operation	Type	Host name	Node name	Submitted	Started	Creator
1	RUNNING	START_OPERATION	org.opencastproject.workflow	admin.opencast.org		6/5/14 11:10 am	6/5/14 11:10 am	testuser1
1	RUNNING	Encode	org.opencastproject.workflow	worker01.opencast.org		6/5/14 11:10 am	6/5/14 11:10 am	testuser2

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10 ⌄

Servers

4 rows

Edit

Status	Host name	Node name	Cores	Jobs completed	Jobs running	Jobs queued	Mean run time	Mean queue time	Maintenance
🟢	http://mh-worker1.localdomain		2	2	2	4	1:06:30 am	1:00:00 am	☐
🟡	http://mh-allinone.localdomain		8	2	2	2	1:00:00 am	1:00:03 am	☑
🔴	http://mh-engage.localdomain		4	2	4	4	1:00:00 am	1:00:00 am	☐
🟢	http://mh-worker2.localdomain		6	2	2	4	1:00:00 am	1:00:00 am	☐

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10 ⌄

Services

41 rows

Edit

Status	Service name	Host name	Node name	Jobs completed	Jobs running	Jobs queued	Mean run time	Mean queue time	Actions
ERROR	•mock• ch.entwine.annotations	http://mh-allinone.localdomain		0	0	0	1:00:00 am	1:01:22 am	↺
NORMAL	•mock• org.opencastproject.adminui.endpoint.JobEndpoint	http://mh-allinone.localdomain		0	0	0	1:00:03 am	1:00:03 am	↺
NORMAL	•mock• org.opencastproject.adminui.endpoint.ListProvidersEndpoint	http://mh-allinone.localdomain		0	0	0	1:00:00 am	1:00:00 am	↺
NORMAL	•mock• org.opencastproject.adminui.endpoint.ServicesEndpoint	http://mh-allinone.localdomain		0	0	0	1:00:00 am	1:00:00 am	↺
NORMAL	•mock• org.opencastproject.adminui.endpoint.autocomplete	http://mh-allinone.localdomain		0	0	0	1:00:00 am	1:00:00 am	↺
NORMAL	•mock• org.opencastproject.adminui.endpoint.seriesdetails	http://mh-allinone.localdomain		0	0	0	1:00:00 am	1:00:00 am	↺
NORMAL	•mock• org.opencastproject.adminui.i18n	http://mh-allinone.localdomain		0	0	0	1:00:00 am	1:00:00 am	↺
NORMAL	•mock• org.opencastproject.analytics	http://mh-allinone.localdomain		0	0	0	1:00:00 am	1:00:00 am	↺
NORMAL	•mock• org.opencastproject.annotation	http://mh-allinone.localdomain		0	0	0	1:00:00 am	1:00:00 am	↺
NORMAL	•mock• org.opencastproject.authorization.xacml.manager	http://mh-allinone.localdomain		0	0	0	1:00:00 am	1:00:00 am	↺

Here is space for a name

Users   Groups   Access policies

+ Add user

Users
5 rows

Search...

Edit

Name	Username	Email	Roles	Provider	Actions
•mock• MH System Account	matterhorn_system_account	mh_admin@example.com	•mock• ROLE_ADMIN,•mock• ROLE_USER,•mock• ROLE_OAUTH_USER,•mock• MATTERHORN_ADMINISTRATOR,•mock• ROLE_ANONYMOUS,	system	
•mock• SystemAdmin	admin	admin@example.com	•mock• ROLE_ADMIN,•mock• ROLE_USER,•mock• ROLE_OAUTH_USER,•mock• MATTERHORN_ADMINISTRATOR,•mock• ROLE_ANONYMOUS,	local	
•mock• PM User 1	pm.user.1	pm.user.1@example.com	•mock• ROLE_USER,•mock• ROLE_ANONYMOUS,	system	
•mock• PM User 2	pm.user.2	pm.user.2@example.com	•mock• ROLE_USER,•mock• ROLE_ANONYMOUS,	system	
•mock• PM User 3	pm.user.3	pm.user.3@example.com	•mock• ROLE_USER,•mock• ROLE_ANONYMOUS,	system	

< 1 >

10 ⌄

+ Add group

Groups
2 rows

Search...

Edit

Name	Description	Role	Actions
IT Team	The IT Team	ROLE_GROUP_IT_TEAM	
Sales Team	The Sales Team	ROLE_GROUP_SALES_TEAM	

< 1 >

10 ⌄

Users   Groups   **Access policies**

+ Add access policy

Access policies
1 rows

Search…

Edit

Name	Actions
•mock• Sample ACL	

1

10 ⌄

Themes

+ Add theme

Themes
2 rows

Search…

Edit

Name	Description	Creator	Created	Actions
Entwine Private	Private Theme of Entwine	Admin User		
Entwine Public	Public Theme of Entwine	Admin User		

1

10 ⌄

Create user

User · Roles

Username*

testUser

Name*

Name...

Email*

Email...

Password*

Password...

Repeat password*

Repeat password...

Cancel

Submit

Create user

User · **Roles**

Roles

🔍 Search... ✖

ROLE_ADMIN
ROLE_ANONYMOUS
ROLE_GROUP_MH_DEFAULT_ORG_EXTERNAL_APPLI
ROLE_GROUP_MH_DEFAULT_ORG_SYSTEM_ADMINS

⇄

Selected roles

ROLE_USER
ROLE_USER_ADMIN

Remove role

Add role

Cancel

Submit

Create group

| Metadata | Roles | Users | Summary |

Name *

a Group name

Description

Description

Next

Create group

| Metadata | Roles | Users | Summary |

Roles

Search...

ROLE_ADMIN
ROLE_USER
ROLE_USER_ADMIN

Add role

Selected roles

ROLE_ANONYMOUS

⇄

Remove role

Previous

Next

Create group

| Metadata | Roles | Users | Summary |

Users

Search...

Matt Smith (msmith)
Chuck Norris (cnorris)
Franz Kafka (fkafka)
A. Morris (amorris)

Add user

Selected users

⇄

Remove user

Previous

Next

Create group

| Metadata | Roles | Users | Summary |

Summary	
Name	a Group name
Description	
Roles	ROLE_ANONYMOUS
Users	Matt Smith (msmith)

Previous

Create

New Access Policy ✕

Metadata — Access — Summary

Metadata	
Name*	Name of Access Policy

[Next]

New Access Policy ✕

Metadata — Access — Summary

Name	Name of Access Policy

Access policy

Role	Read	Write	Additional Actions
ROLE_ADMIN	☑	☑	
ROLE_ANONYMOUS	☑	☐	

[Previous]   [Create]

New Access Policy ✕

Metadata — Access — Summary

Access policy

Templates

Please choose a pre-configured set of policies or add custom policies below

2nd ACL ▾

Role	Read	Write	Additional Actions	Actions
ROLE_ADMIN ▾	☑	☑	✎	⊗
ROLE_ANONYMOUS ▾	☑	☐	✎	⊗

+ New policy

[Previous]   [Next]

Questions? Comments?

Thank You