

indico



The Future

Post-2.0 Indico

Indico Team
Indico Workshop 2.0, CERN, October 2017

Immediate Plans

Get to a final 2.0 public release

- Experience at CERN confirms stability

- Documentation is now ready

Indico 2.1

- Conference Management Improvements

- Role Subsystem, Abstract mgmt. Improvement

- I18n – more languages, more coverage

Switch to display view

Settings

Protection

List of Participants

Roles

Test Event 12 - 20 Jul

Created by Mickey Mouse (mickey.mouse@cern.ch)

List of Participants

<input type="checkbox"/>		Privileges			Send Invitation	2 / 2	Filter		Enter #id or search string
<input type="checkbox"/>		John Doe	john.doe@exampl...	CERN	AS	SPK 2	No account		
<input type="checkbox"/>		Michael Jackson	billy.jean@exampl...	USA	PC	AS			

Switch to display view

Settings

Protection

List of Participants

Roles

Test Event 12 - 20 Jul

Created by Mickey Mouse (mickey.mouse@cern.ch)

Event Roles

PC	Program Committee	9 People			
	Marco Vidal	Adrian Monnich			
		Add user			
CH	Program Chair	David Andreev			
SEC	Secretary	Unassigned			

Add Role

Switch to display view

Test Event 12 - 20 Jul

Created by Mickey Mouse (mickey.mouse@cern.ch)

Settings

Protection

List of Participants

Roles

Event Protection

Public

Inheriting

Protected



Public

This object is publicly accessible since **Conferences** (Category) is not protected.

Permissions

Category Managers

EDIT

Pedro Ferreira

EDIT



indico-team

ACCESS

TIMETABLE



Program Committee

ACCESS

SUBMIT



Anonymous

ACCESS

+ Add entry

Manage Roles

E-Tickets & Badges

New access request 3 Oct

Created by Natalia Karina Juszkka (natalia.karina.juszkka@cern.ch)

Clone



Registration

List of registrations for "Regform 1"

<input type="checkbox"/>		Customize list		Register		Remove	Export	Actions	Check-in control	CERN access control			6
ID	Full name	Title	Email Address	Registration Date	State								
<input type="checkbox"/>		#1	David Andreev	david.andreev@cern.ch	VIA University College (DK)	3 Oct 2017, 16:31	Completed						
<input type="checkbox"/>		#4	Pedro Ferreira	pedro.ferreira@cern.ch	CERN	3 Oct 2017, 16:31	Completed						
<input type="checkbox"/>		#6	Natalia Karina Juszkka	natalia.karina.juszkka@cern.ch	CERN	3 Oct 2017, 16:31	Completed						
<input checked="" type="checkbox"/>		#2	Adrian Mönlich	adrian.moennich@cern.ch	CERN	3 Oct 2017, 16:31	Completed						
<input checked="" type="checkbox"/>		#3	Ilias Trichopoulos	ilias.trichopoulos@cern.ch	CERN	3 Oct 2017, 16:31	Completed						
<input type="checkbox"/>		#5	Marco Vidal	marco.vidal@cern.ch	Universidad de Oviedo (ES)	3 Oct 2017, 16:31	Completed						

Grant access

Revoke access

Back



AAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAA
 bbbbbbbbbbbbbbbbbbb

VISITOR / VISITEUR

06.MAY.2016 - 30.JUN.2017

COMPANY / SCHOOL / INSTITUTE

123456789ABCDEFGHIJK

SAFETY INFORMATION INFORMATIONS DE SÉCURITÉ

This card must be worn visibly. It is not transferable and must be used only by the authorised holder. It permits you to go directly to your appointment. You must leave the CERN site once you have completed your business.

Cette carte doit être portée de façon apparente. Elle est personnelle et son utilisation est autorisée à l'utilisateur. À vous permet de vous rendre directement à votre rendez-vous. À l'issue de celui-ci vous devez rejoindre la sortie du CERN.



Emergency number:
 Numéro d'urgence : (+41 22 76) 744 44



If you hear the evacuation alarm:

- calmly evacuate the building, following signs;
- make your way to the nearest assembly point.

Si vous entendez une alarme d'évacuation:

- Évacuez calmement le bâtiment en suivant la signalisation
- Rejoignez le point de rassemblement le plus proche



Pay attention to the safety signs.
 Faites attention à la signalisation de sécurité.



Site under video surveillance.
 Site sous vidéosurveillance.
<http://www.cern.ch/data-privacy/protection-statement>



Speed limit.
 Limitation de vitesse.



CERN is a non-smoking laboratory.
 Le CERN est un laboratoire non-fumeurs.



Abandoned luggage may be destroyed without prior notice.
 Les bagages abandonnés pourront être détruits sans préavis

Room Booking (2.2)

UX in need of improvements

A priority to CERN & experiments

UX in need of improvements

Stack needs to be modernized (e.g. Mako → Jinja)

Timeline – early 2018

Long-term Plans

2018 – 2021 – Conferencing tools

- Continuous improvement

- Targeting larger and more complex events

- More flexibility (and complexity!)

Containerization

- CERN moving to containers, e.g. OpenShift

- Useful for everyone else

“Time Bombs”

Angular 1.x

Has to go away, only Reg. Form using it

Python 3

2.7 will eventually be phased out

Good news is that we're not that behind



House Cleaning

Remaining legacy Python

Only ~3% of code, mostly PDFs

Legacy JavaScript

But we have to agree on the future first!

Mako

Will hopefully be solved with 2.2!

House Cleaning

Management of JS dependencies

Currently Git submodules

Considering Webpack



 Jed @ a9d03e1	Added JS translation using Jed	3 years ago
 angular @ 88119a8	[FIX] Accidentally modified angular commit	4 years ago
 chartist.js @ fb1f137	Add chartist.js submodule	2 years ago
 ckeditor @ 20af917	Add ckeditor (4.6.2) as submodule	6 months ago
 clipboard.js @ 402c9ee	Update clipboard.js to 1.5.16	6 months ago
 compass @ d5997d7	[FIX] Bad import	4 years ago
 dropzone @ 7ca4dc4	Add Dropzone.js	2 years ago
 fullcalendar @ 4ee482	Add fullcalendar.js library	a year ago
 jqplot @ af2cc67	Add jqplot to external modules	3 years ago
 jquery @ 1472290	Recent node version	2 years ago
 jquery-tablesorter @ 829d379	Make room search results sortable	2 years ago
 jquery-typeahead @ b086900	Update typeahead to 2.6.1	a year ago
 jquery-ui-multiselect @ 2489720	[FIX] Reverted change in jquery-multiselect-widget	4 years ago
 mathjax @ d4ab1b3	Update to MathJax 2.6.1	a year ago
 moment.js @ f31bef9	Use moment.js from repo	2 years ago
 outdated-browser @ 43225b6	Add "outdated browser" warning	7 months ago
 pagedown @ f2c3c3b	Update pagedown	a year ago
 qtip2 @ d146271	[IMP] SASS support, dependency fetching	4 years ago
 rrule @ 4e629db	Update moment.js 2.0.0 -> 2.8.3; add rrule.js	3 years ago
 selectize.js @ 47e0486	Update selectize.js to v0.12.4	8 months ago
 taggle.js @ ba7aa7d	Update taggle.js to 1.11.1	9 months ago
 typewatch @ 1d9a7a8	Update typeWatch and move it to external modules	a year ago
 ui-sortable @ 6b79634	[ADD] Add ui-sortable to ext_modules	4 years ago
 underscore @ e4743ab	Update underscore to 1.8.3	a year ago

Technical Challenges (2018)

After the backend, time for frontend clean-up!

Much easier to tackle though!

Need for a client-side framework, webpack

Dealing with larger events

Finding a suitable client vs. server balance

More dynamic, data-driven management pages

Functional Challenges

Mobile Devices

A product like Indico should do better

Apps are expensive to develop/maintain

Search

Not yet CERN's focus

Maybe the community will solve it first?

The Project

Project Sustainability

In a better position than a few years ago

But growth requires more and more investment!

Community

Helping mostly with bug fixes and i18n right now

Perhaps the new plugin system will help?

Contributions

Who does the code belong to?

- To the developer (or his/her employer)

- Project can distribute it under the same license

- Need for CLAs

Indico was GPL since the beginning

- Code contributions have been modest overall

- Considering move to permissive license

Conclusion

Longest, most-ambitious sub-project done!

We're now moving on to new things!

Modern large SW Projects are in constant change

Technical debt and old libs will always be there

We just need to be aware and keep them under control

Indico 2.0 is much more than code

Plugins, Documentation, Development tools...

Looking forward to seeing what you come up with!

Questions?