

indico

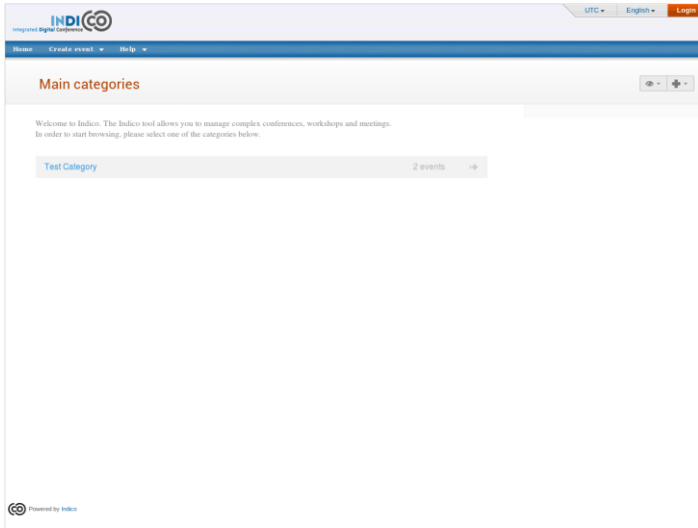


# Migrating to 2.0

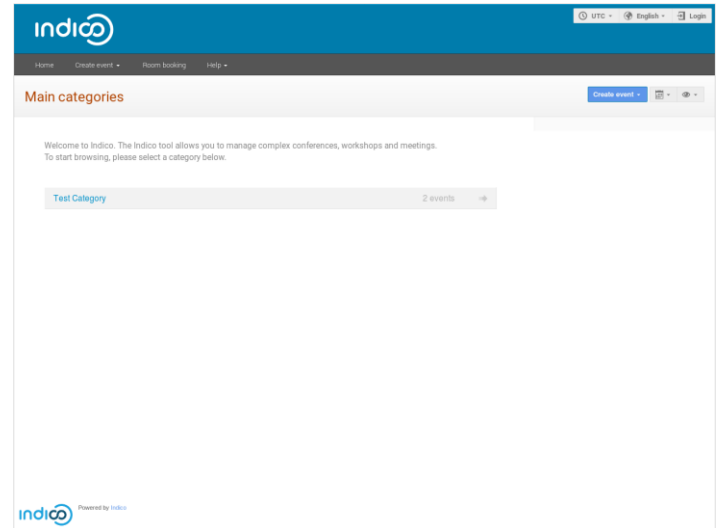
## A Walkthrough

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Indico Workshop 2.0, CERN, October 2017

# Goal



1.2



2.0

# Migration Tool

Single command/package

Based on ~40 individual migration scripts

Applied at CERN in 11 steps, over 3 years

<https://github.com/indico/indico-migrate>

# Example

```
Indico 1.2 -> 2.0 migration
✓ Global IP acl   ✓ API settings   ✓ Global settings   ✓ User management   ✓ Legal settings   ✓ Payment settings   ✓ News settings
✓ News           ✓ IP Networks     ✓ Reference types   > Users

Migrating users 54 % 2283

Message log
! [users] Skipping 2120 - not activated
! [users] Skipping 2134 - not activated
! [users] Skipping 2144 - not activated
! [users] Skipping 2146 - not activated
! [users] Skipping 2147 - not activated
! [users] Skipping 2150 - not activated
! [users] Skipping 2153 - not activated
! [users] Skipping 2156 - not activated
! [users] Skipping 2157 - not activated
! [users] Skipping 2162 - not activated
! [users] Skipping 2164 - not activated
! [users] Skipping 2165 - not activated
! [users] Skipping 2189 - not activated
! [users] Skipping 2207 - not activated
! [users] Skipping 2211 - not activated
! [users] Skipping 2213 - not activated
! [users] Skipping 2217 - not activated
! [users] Skipping 2224 - not activated
! [users] Skipping 2231 - not activated
! [users] Skipping 2233 - not activated
! [users] Skipping 2251 - not activated
! [users] Skipping 2265 - not activated
! [users] Skipping 2269 - not activated
! [users] Skipping 2275 - not activated
```

<https://asciinema.org/a/5dZX9az7klwya3k41pb8b9s1m>

# Approach

Follow the manual!

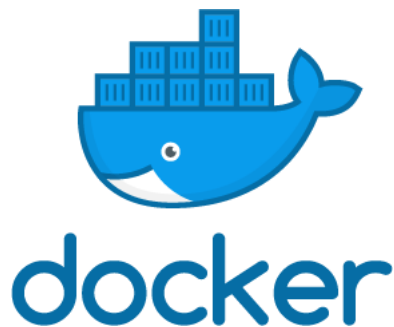
[https://docs.getindico.io/en/latest/installation/upgrade\\_legacy/](https://docs.getindico.io/en/latest/installation/upgrade_legacy/)

Example System

Docker image (based on latest Ubuntu)

Indico 1.2 already installed

# Docker!



Open Source

Runs containers

No need for VMs (Linux)

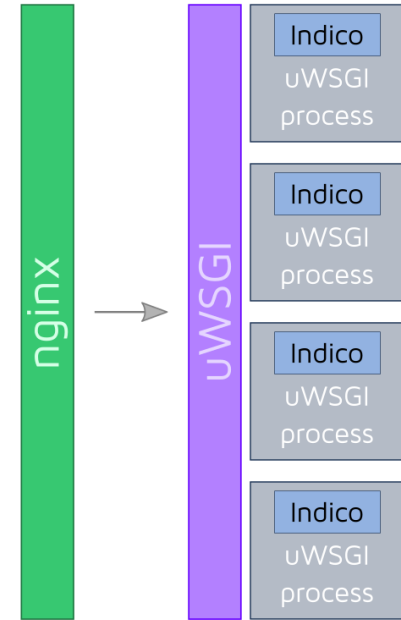
<https://www.docker.com>

# Web Server 2.0

nginx as front-end

uWSGI as application server

Same setup as [indico.cern.ch](http://indico.cern.ch)!





# Let's get started!

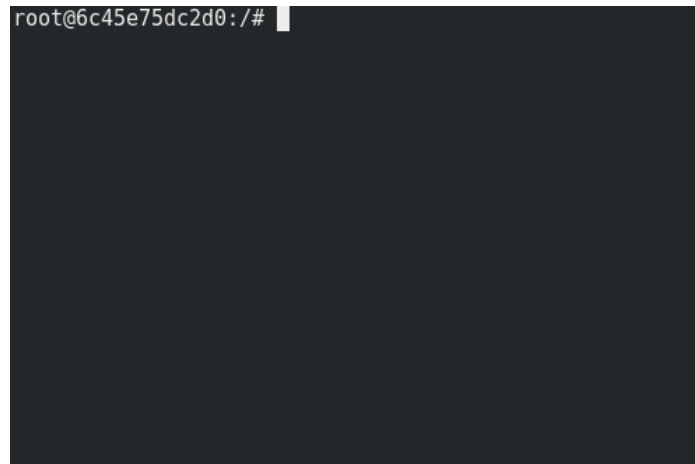
```
curl --insecure https://notasbad.dyndns.cern.ch/data/indico-1.2.tar | docker load
```

```
docker run -it indico-1.2 /bin/bash
```

```
# service apache2 start
```

```
# source /opt/indico/env/bin/activate
```

```
# zdaemon -C /opt/indico/etc/zdctl.conf start
```



# Follow the instructions\*

\* There are some limitations:

Docker image  $\neq$  Real server (e.g. no systemd)

IP addresses, etc...

The point is to illustrate the **migration**, anyway

[https://docs.getindico.io/en/latest/installation/upgrade\\_legacy/](https://docs.getindico.io/en/latest/installation/upgrade_legacy/)

**Questions?**

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