

Table of Contents

CERN IT "rapid e-learning" project.....	1
SITE MIGRATED.....	2
Mandate.....	2
Tools' index.....	2
Utilities.....	2
Points for speakers' preparation and recording set-up:.....	3
Template to describe a Use Case.....	3
Use cases.....	3
Presentations.....	3

CERN IT "rapid e-learning" project

SITE MIGRATED

NB! This is archive info from 2016 when the project started. As of 2018 please go to <https://cern.ch/it-dep-cda/services/e-learning/> and follow the left-banner links!

Mandate

This project aims at promoting features, tools and, mostly IT, services via very short videos - ideally not exceeding 5 minutes. These short informative and educational sequences can be recorded by the CERN audiovisual services and/or screen capture tools at the desk. Our aim is to provide tools and advice for content owners and/or users of the information to do this. This is the kind of "rapid e-learning", also used in industry to familiarise people with procedures.

CERN safety, management and language courses in the training catalogue also contain e-learning components. These are outside the scope of this project.

Tools' index

- Contact email for questions: e-learning.support@cern.ch
- SNOW KB article <https://cern.service-now.com/service-portal/article.do?n=KB0005264>
- About future documentation with Markdown:
 - ◆ The website <http://cern.ch/it-e-learning> contains the new User Guide written in markdown with MkDocs.
 - ◆ Documentation repository: <https://gitlab.cern.ch/dimou/it-e-learning>
- Project descriptions:
 1. Initial Project description [here](#). It contains some **Use Cases** and **Content owners**. Resulting thesis in CDS [and](#) defence material [here](#).
 2. Phase II - October 2016 [here](#). It includes Use Cases recorded in this period.
 3. Phase III - January 2017 onwards [here](#). It includes Academic Training lectures' youtube inclusion.
- e-learning-interest e-group [here](#). Members can be viewed.
- vidyo portal [here](#). It can be used for any meeting or rehearsal.
- Indico category dedicated to e-learning [here](#).
- CDS category dedicated to e-learning [here](#)
- Hashtag in social [here](#).
- CERN service account for storing scripts and documentation: *elearn*
- CERN e-learning logo [here](#).
- Video library Edutech.
- Users' Feedback.

Utilities

- **Teleprompter**: Absolutely indispensable for a smooth speech flow. Use the notes' part of each slide (if you have slides) or a plain text file to read while being recorded. teleprompter: A free-of-charge teleprompter on the web, by company <https://telepromptermirror.com/software/>. It requires plaintext (no pdf). **NB!** When opening the *telepromptermirror* web page, erase the sample text from your browser and **paste in** the content of your script. Keep a finger on the arrow ">" so that you can stop/start when needed!
- **Terminal recording tool** [asciinema](#): A simple to use from a terminal tool that records/replays what you type, suggested by Pedro Ferreira.
- **Screen capture tools**:

- ◆ [ffmpeg](#) - A free, open source and cross platform command line tool to make tutorials from your desk. Documentation and tutorial in the video library. Also (depending on your OS):
- ◆ [shotcut](#) for all, [QuickTime](#) for Mac, [QuickTime tutorial](#)
- ◆ [kazam](#) for ubuntu and [ActivePresenter](#) for Windows users (already installed for CERN users) [ActivePresenter tutorial](#)
- ◆ For Mac and Windows there is also the web-based https://screencast-o-matic.com/screen_recorder
- ◆ For MacOS Open Source screen recording app <https://github.com/wulkano/kap>
- A tool to play your slides as a video. It makes .mp4
- Audio recording tool: [audacity](#) for any OS
- Voice-to-Text transcription solutions by Alex Manzoni (currently evaluating):
 - ◆ [Speech recognition built-in MAC](#)
 - ◆ [Speech recognition built-in Windows](#)
 - ◆ [Nuance DRAGON Professional solutions](#)
 - ◆ [The youtube transcription](#) in the Q&A session in EPFL on 2017/06/08.
- **Standards:** The [MARC21 standard](#) for introducing fields in Metadata, e.g. your video **Duration** field [306](#).
- Video **editing tools:** After initial recording of a video, the video has to be edited. Good **commercial** products for *editing* videos are:
 - ◆ "Final Cut Pro" for Mac (about 300\$ one-time-charge - 2017 price)
 - ◆ "Adobe Premiere Pro" for Windows(about 20\$ per month - 2017 price)

For free alternatives for simple video editing there is "iMovie" for Mac, and "Windows Movie Maker" for Windows.

Points for speakers' preparation and recording set-up:

See [PointsForSpeakers](#)

Template to describe a Use Case

Title:

Duration:

Public: (CERN users, public?)

Material: (For example: slides, documentation files attached, screen capture, terminal recording,

Preferred recording method: (CERN audiovisual services or screen capture at the service manager's

Description: (ideally the exact text of the whole tutorial for the teleprompter or, at least, the

CERN video content owner:

Other information:

Use cases

See [UseCases](#)

Presentations

- 2017-12-11: E-learning and Documentation presentation to the ATLAS Software & Computing Documentation Workshop Slides, same slides, different web server, Agenda (restricted)
- 2017-02-02: Academic Training lecture *Video as a medium for Learning & Teaching* <https://indico.cern.ch/event/595795/>
- 2016-10-07: Presentation at the IT Technical Forum <https://indico.cern.ch/e/CERN-ITTF-2016-10-07> - Video available from the e-learning CDS collection.
- 2016-10-03: One slide for the IT Technical Users' Meeting <http://indico.cern.ch/e/ITUM-19>

WebHome < ELearning < TWiki

- 2016-08-15: Presentation at the IT Management Meeting - slides on <https://indico.cern.ch/event/555168/> (viewable by IT members only) and also here (attached to this twiki).
- 2016-08-03: Meeting of the e-learning-interest-group - slides on <https://indico.cern.ch/event/558706/>
- 2016-02-29 : ATLAS Software & Computing Workshop. Here are the slides for those who can't view the Indico event (see slot at 16h30).
- 2015-10-02: IT Lightning Talk (1st in the list on MOOCs) <https://indico.cern.ch/e/ITLT-7>

MariaDimou - 2016-01-26

This topic: ELearning > WebHome

Topic revision: r104 - 2019-05-22 - MariaDimou



Copyright &© 2008-2022 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.
or Ideas, requests, problems regarding TWiki? use [Discourse](#) or [Send feedback](#)