#### Case Study

# Accelerating records management at CERN

**Andrew Short** 

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DLM Triennial Conference, Brighton 15.09.2017

### Overview

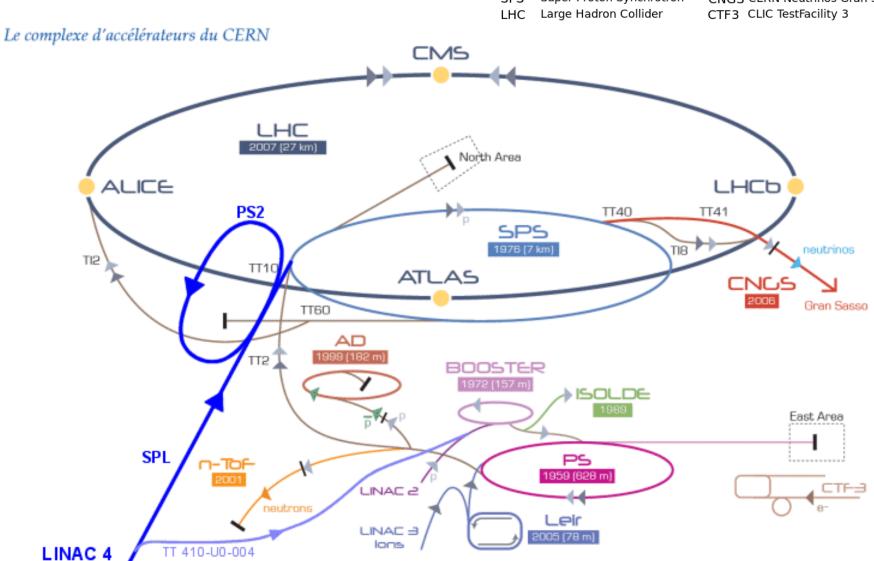
- CERN
- Records Office
- User interface
- How?
- Customisations
- Next steps

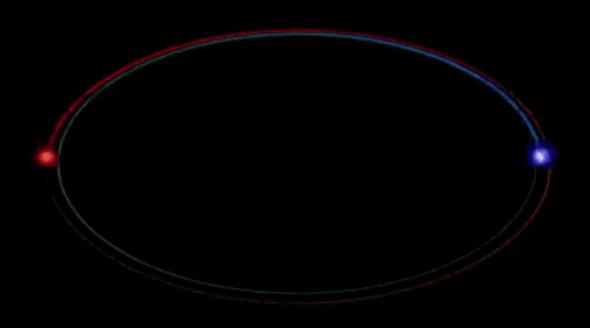


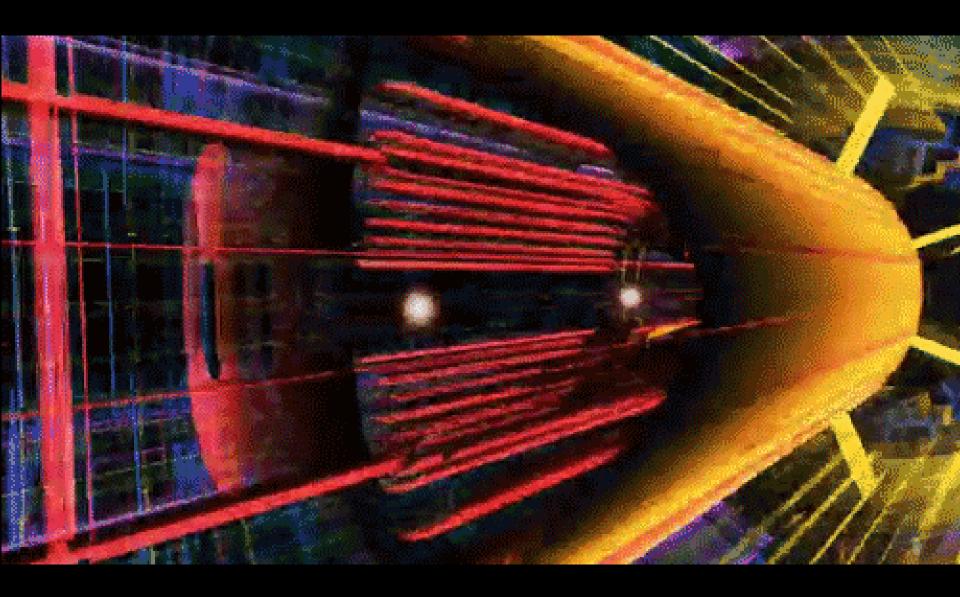
# **CERN Accelerator Complex**

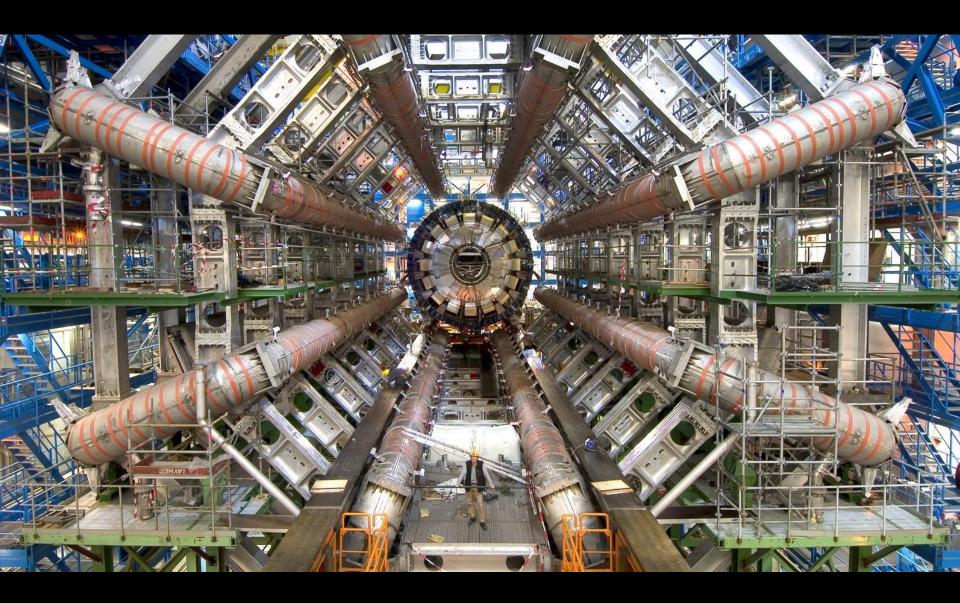
2013 (100m)

PS Proton Synchrotron SPS Super Proton Synchrotron AD Antiproton Decelerator n-TOF Neutron Time Of Flight CNGS CERN Neutrinos Gran Sasso CTF3 CLIC TestFacility 3



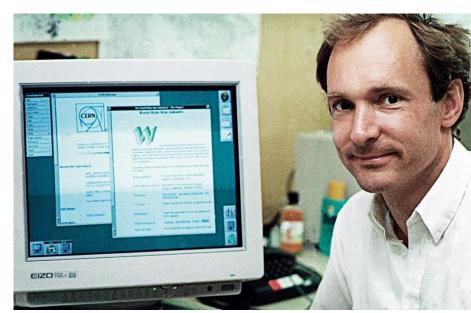


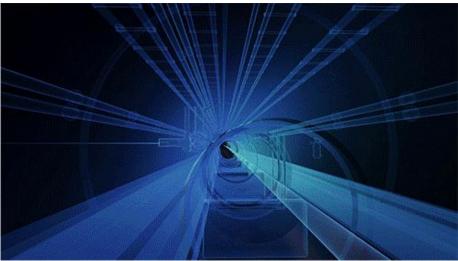




#### **CERN Statistics**

- Worlds biggest machine
- Hottest, coldest & emptiest place in the solar system
  - 100,000 hotter than the sun
  - 271.3°C (1.9 K) colder than outer space
  - 10x less than the pressure on the Moon
- Fastest race track on the planet
  - 99.999991% the speed of light
- Most powerful supercomputer in the world
  - Using the grid
- Where the web was born

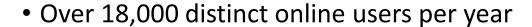


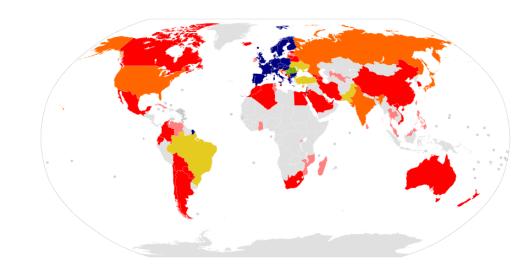




## **CERN Members of Personnel**

- 2,500 Staff
- ~1,600 Other personnel
- 12,000 Visiting scientists
- 608 Universities
- 127 Nationalities
- 22 Member states of CERN









Records Office

#### Records Office - Then





1965

1978

- Store all personnel records
  - Initially on a single card, then folders
- Personnel records grew quick.
- Paper index file to retrieve personnel file.

#### Records Office – 2015

- Started scanning of active personnel files
- Scanned over 3,000 personnel files
- Using naming convention / bulk upload (DOCID;PERSONID;INITIALS; EFFECTIVEDATE)
- Started collecting new documents as PDF's only
- Over 230 types of document identified
- Changes in organisation workflows
- Temporarily emailing documents between services (rather than internal mail)





#### Records Office – 2017

- Using Alfresco on production (since 4th May 2015)
- Uploading active personnel files
- Easily store and retrieve documents
- Saves time and resources
- No more printing and mailing documents
- Process related improvements
- Uploaded over 183,400 documents (13.09.2017)
- Total of 334,600 documents stored in Alfresco (13.09.2017)
- Now over 285 document types identified

# Interface



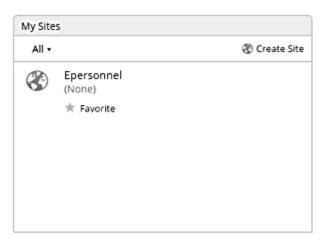
Home ePersonnel •

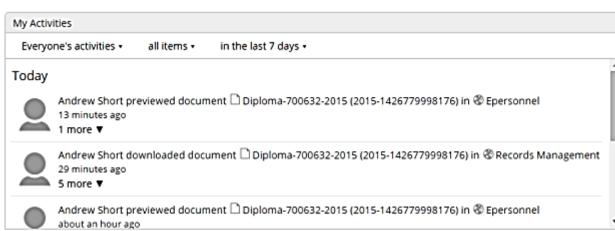
Andrew Short •

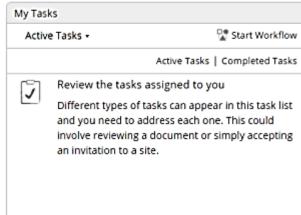
Search files, people, sites

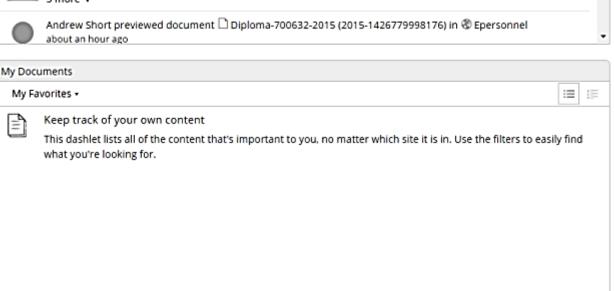
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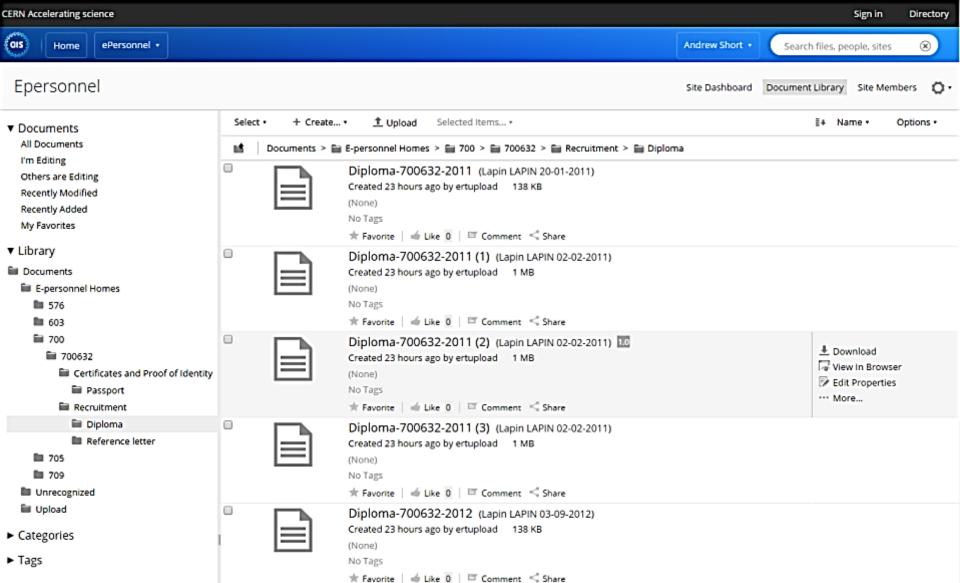
#### Andrew Short Dashboard



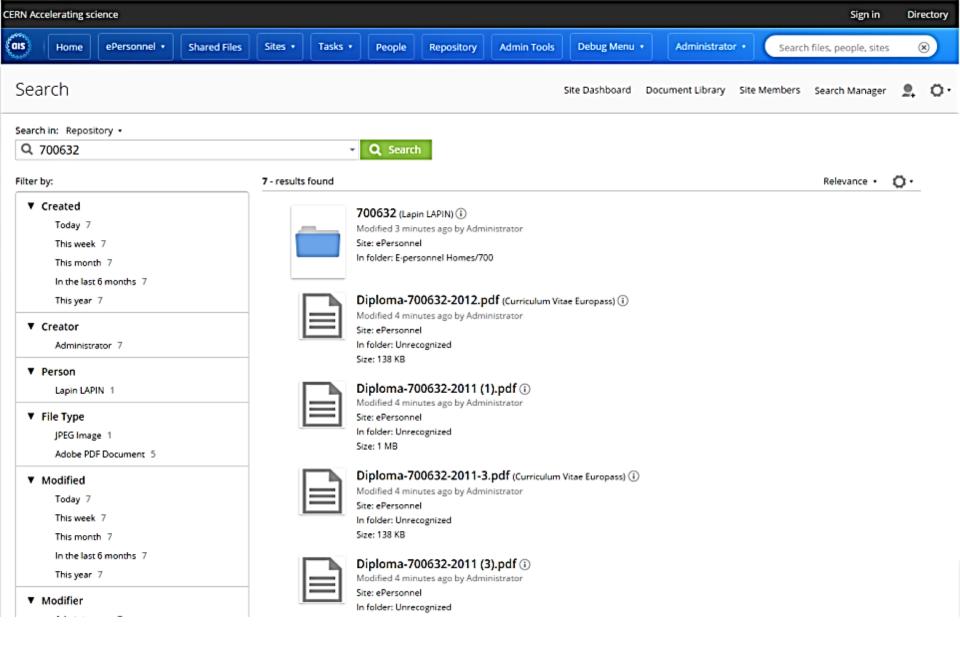








Diploma-700632-2013 (Lapin LAPIN 02-07-2013)





Home

ePersonnel •

Andrew Short .

Site Dashboard

Search files, people, sites

## ×

#### Epersonnel

Document Library

Site Members



Download

Documents > E-personnel Homes > 700 > 700632 > Recruitment > Diploma



Diploma-700632-2015 (2015-1426779998176) 1.0

Modified by Andrew Short on Thu 19 Mar 2015 16:46:38 | < Share





▶ Document Actions

▶ Share

▼ Properties

Person concerned

Full name: Lapin LAPIN

Person id: 700632

CERN id: (None)

Person status: (None)

Contract end date: (None)

Organization unit: (None)

Document properties

Type name: Diploma

Type description: (None)

Organization unit: (None)

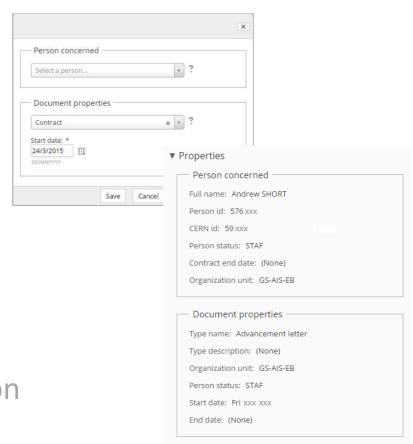
Person status: (None)

Start date: Tue 24 Mar 2015

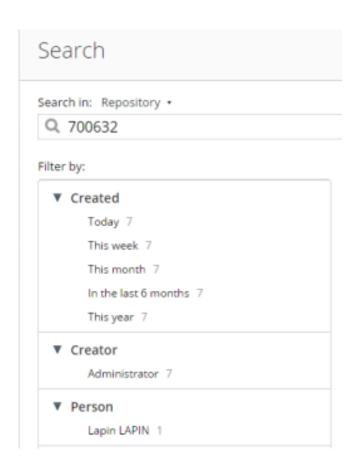
- Identify existing organisation documents
- Identify document metadata
- Identify search requirements
- Define file plan
- Define access rights
- Identify UX customisations
- Records management vs Document management
- Community or commercial edition



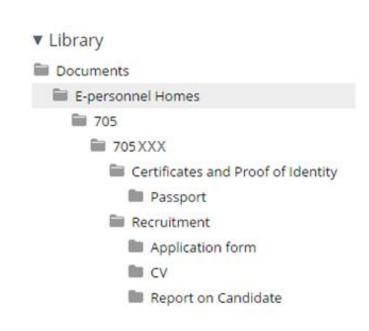
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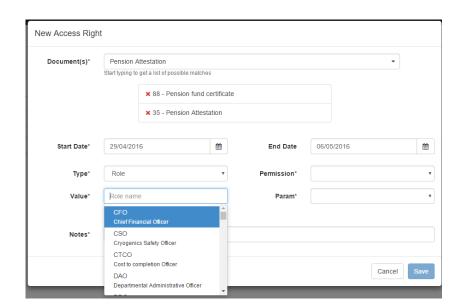
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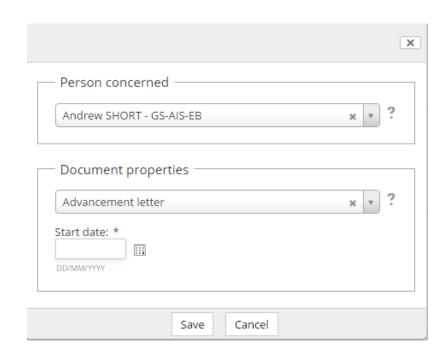
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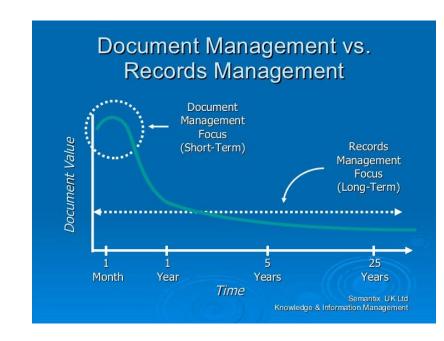
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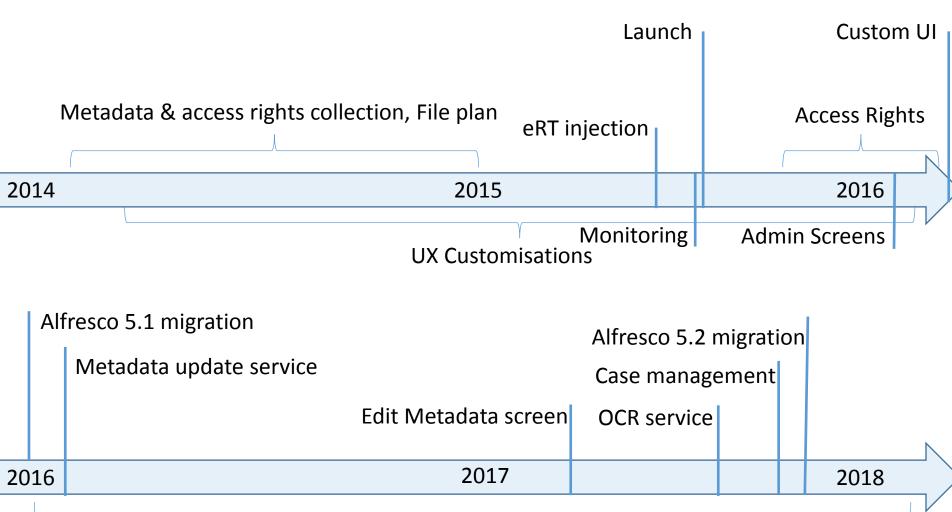
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#### Time Line

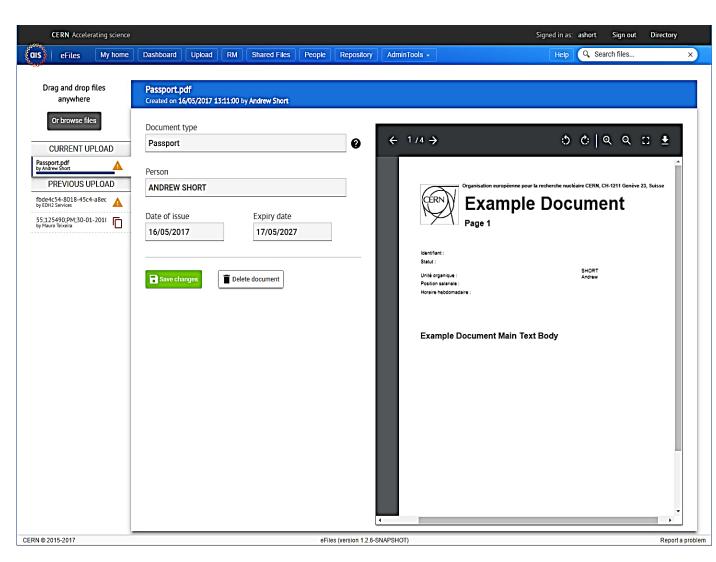


New services/users, more content, new UI development

Customisations

#### Customisations

- Upload
- Unrecognised
- Auto filing
- Access Rights
- Monitoring
- Admin screens
- OCR service
- Smart folders

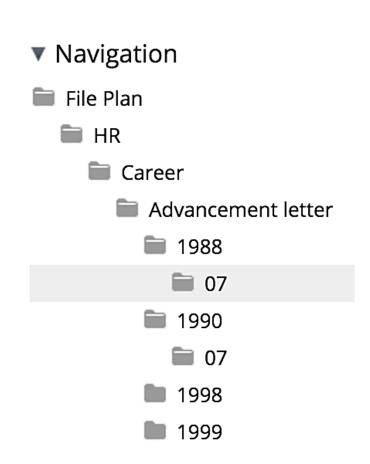


#### Customisations

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- ▼ Library
- Documents
  - E-personnel Homes
  - Unrecognized
  - Upload

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Pension

certificate

Pension

certificate

fund

fund

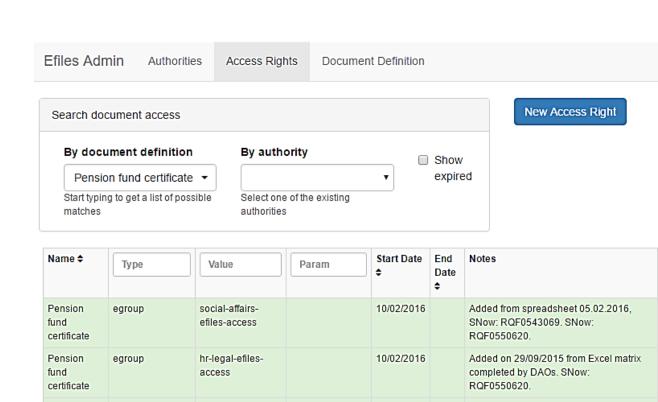
egroup

egroup

hra-efiles-access

hr-hra-assistant-

efiles-access



10/02/2016

10/02/2016

Added on 29/09/2015 from Excel matrix

Added on 29/09/2015 from Excel matrix

completed by DAOs. SNow:

completed by DAOs. SNow:

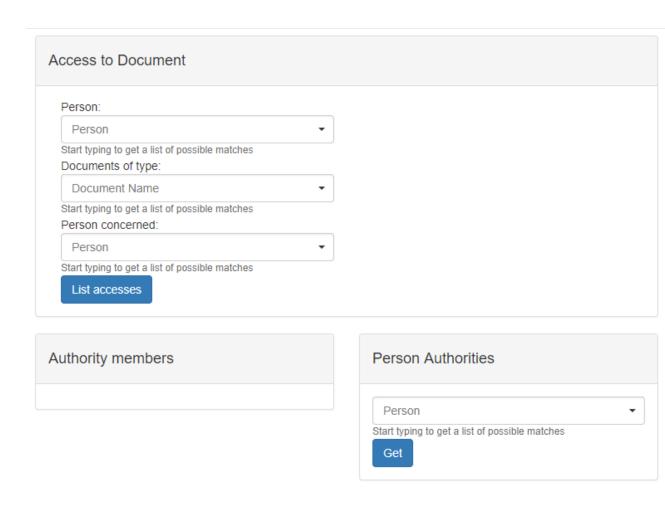
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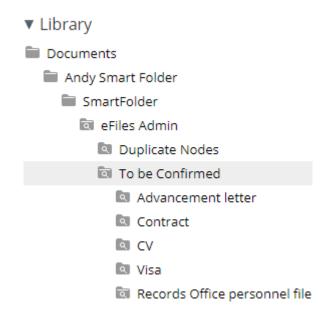


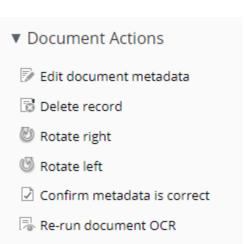
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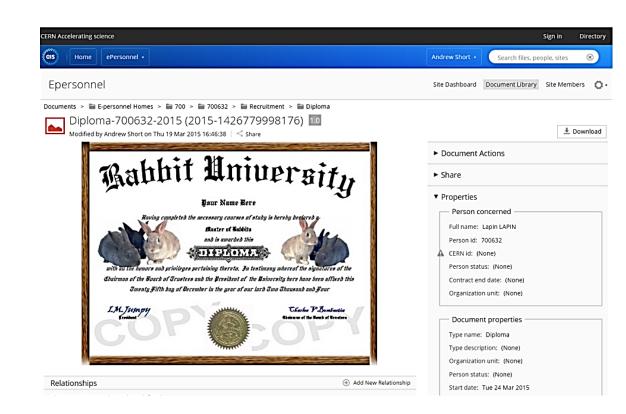
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rma:identifier	d:text	2017-14
ef:ocrRequestSuccessful	d:boolean	true

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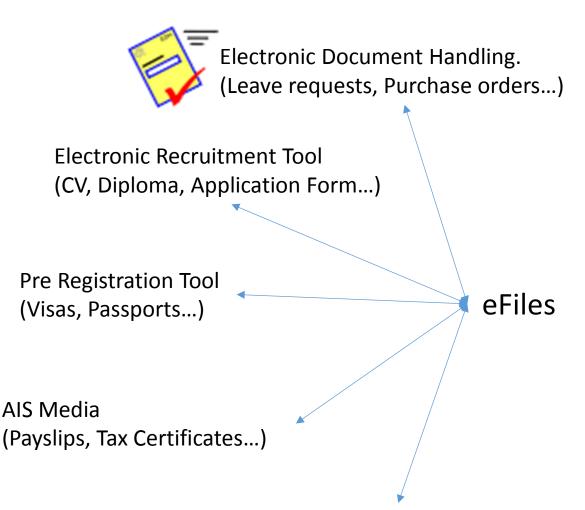




- Replace Alfresco UI
- Further integration
- Case Management
- Disposition Schedules
- My Files
- Workflows



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Shared network drive (Anything and everything)

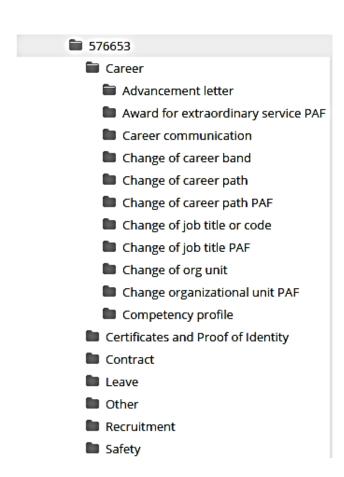
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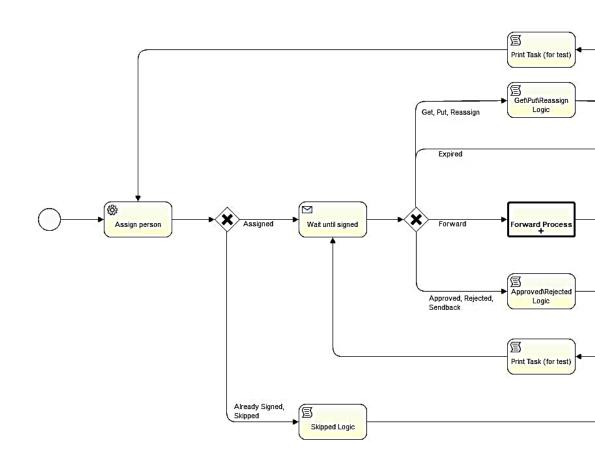
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