

# CDS-Drupal Multimedia Integration Status Report

CDS Team

# Video Embedding

- Features
  - Easy integration and accessibility
    - Using <iframe>
    - Device specific embedding codes
    - Easy customizable size
  - Persistence
  - Sharing and connectivity
    - Share: Facebook, Twitter, embed code
    - Related videos
- Example: <http://cdsweb.cern.ch/collection/Videos>
- Demo & more details: <http://change.web.cern.ch/blog/ludmila-marian/embedding-videos-cds>
- Testing: copyright overlay for all videos [http://cdstest.cern.ch/video\\_cern3minutes](http://cdstest.cern.ch/video_cern3minutes)

# Image Integration

- New API to view photos
  - Single photo:
    - <http://cdsweb.cern.ch/imags/{photo-id}-{tirage}>
    - Example: <http://cdsweb.cern.ch/images/CERN-EX-0611014-01>
  - Different formats of a photo:
    - [http://cdsweb.cern.ch/images/files/{photo-id}-{tirage}-{photo-format}.\(jpg|png|gif\)](http://cdsweb.cern.ch/images/files/{photo-id}-{tirage}-{photo-format}.(jpg|png|gif))
    - Example: <http://cdsweb.cern.ch/images/files/CERN-EX-0611014-01-large.jpg>
  - Set of images from a public basket:
    - <http://cdsweb.cern.ch/images/{basket-id}>

# Image Integration

- Filtering of images
  - By date:
    - <http://cdsweb.cern.ch/images/date/{yyyy}-{mm}-{dd}>
    - <http://cdsweb.cern.ch/images/date/{yyyy}-{mm}>
    - <http://cdsweb.cern.ch/images/date/{yyyy}>
  - By keyword:
    - List of keywords: <http://cdsweb.cern.ch/images/keywords>
    - Example: <http://cdsweb.cern.ch/images/keywords/calorimeter>
  - Hybrid:
    - <http://cdsweb.cern.ch/images/date/{yyyy}-{mm}/keywords/calorimeter>

# Image Integration

- Retrieve metadata of a single photo object
  - Using our export API (format JSON)
  - Example:  
<http://cdstest.cern.ch/images/CERN-EX-0611014-01/export?format=json>

Item:  
{'author': ['Claudia Marcelloni'],  
'collection': ['PHOTOLAB'],  
'copyright': ['CERN'],  
'files':  
{'Large': 'http://mediaarchive.cern.ch/MediaArchive/Photo/Public/2006/0611014/0611014\_01/0611014\_01-A4-at-144-dpi.jpg',  
'Medium': 'http://mediaarchive.cern.ch/MediaArchive/Photo/Public/2006/0611014/0611014\_01/0611014\_01-A5-at-72-dpi.jpg',  
'Original': 'http://cdstest.cern.ch/tools/mediaarchive.py/copyright\_notice?recid=998559&master\_path=https://mediaarchive.cern.ch/MediaArchive/Photo/Masters/2006/0611014/0611014\_01.jpg&ln=en&reference=CERN-EX-0611014&tirage=1',  
'Small': 'http://mediaarchive.cern.ch/MediaArchive/Photo/Public/2006/0611014/0611014\_01/0611014\_01-Icon.jpg'},  
'globalbase': ['MMD01'],  
'base': ['81'],  
'imprint': ['09 Nov 2006'],  
'internalnote': ['CERN EDS'],  
'keyword': ['pixel', 'sub-assembly', 'ATLAS', 'Detector Construction', 'Inner Detector'],  
'maintitle': ['Pixel barrel sub-assembly of ATLAS detector'],  
'media': ['DIGITAL'],  
'reportnumber': ['CERN-EX-0611014'],  
'subject': ['Experiments and Tracks'],  
'sysno': ['000043869MMD'],  
'year': ['2006']  
}

# Image Integration - Next

- CDS is moving from a multi-photo record architecture to one-photo record architecture.
  - Will not affect the already existing images API, but will improve metadata support per photo (+commenting, creating slideshows via baskets)
- Management of alternative metadata (captions, keywords)
- More formats for each photo (align with Flickr formats)
- All Drupal sites to have an associated CDS Photos collection (same permissions as the Drupal site)
- Metadata enrichment to take place on the Drupal side vs CDS site (under discussion, both solutions are being investigated)

Questions?

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