

Loading Multimedia through Zipline 2.0

Loading Multimedia in Zipline 2.0 via XML

- Things that will still need a Salesforce Ticket:
 - URLs
 - Creating the XML Wrapper
 - Categories
 - Authors
 - Brightcove Metadata
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 - Adding Categories in XML
 - Loading the Files (Transfer and Process)
 - Approve and Publish
-

Things that will still need a Salesforce Ticket:

1. New categories
2. Linking of videos to books
3. Reloading a video that was not originally loaded through zipline (which means most of the videos in scm6).
 - a. Currently Zipline can't reload videos that Zipline did not originally load.

URLs

Staging: <http://mgh.ziplinerc.silverchair.com/Zipline/Login>

Prod: <http://zipline.mhmedical.com/Zipline/Login>

Log-in: Use your Sitemaster logins.

Creating the XML Wrapper

sample package: [August APT videos.zip](#)

After creating the xml wrapper, validate the xml file to make sure it is well formed. If it is not well formed, Zipline will not load the file. <http://www.xmlvalidation.com/> is a quick way to double check if your xml editor doesn't have a validation checker.

Categories

See [Adding Categories in XML](#) for all of the potential scenarios, but the basically category mapping follows this structure:

1. Category MUST already exist in SCM6.0.
2. Open Categories excel file, find the category you want to link the video to.
 - a. The excel file has ALL the categories for all of the MGH sites, so scroll to the microsite you are working on, and select the category you want.
 - b. Zipline will match the name of the category listed in the xml file to categories available on the microsite.
 - c. Categories that are nested within other categories have the parent category listed on the righthand side. Top Level Categories are labelled as such.
 - d. The following code block is a basic example of assigning a category. This is on APT, with the category being Women's Health, which is nested under Specialty Areas.
 - e.

Search AccessPhysiotherapy

Multimedia

Anatomy and Physiology Revealed

Videos ▾

Clinical Presentation of Disease ▶


Diagnosis

Examination/Evaluation ▶

Interventions ▶

Medical/Surgical Procedures

Physiologic areas ▶

Specialty Areas 

- Aquatic Therapy
- Cardiovascular and Pulmonary
- Geriatrics
- Neurology
- Orthopedics
- Sports
- Women's Health 
- Wound Care

View an exportable list of resources

Videos > Specialty Areas



Play

Active Cervical Range of Motion

Author(s): Mark Du
Clinical Instructor, D
1 mins 46 secs

[View in context](#)



Play

Active Range of Motion

Author(s): Mark Du
Clinical Instructor, D
0 mins 28 secs

[View in context](#)



Play

Active Range of Motion

Author(s): Mark Du
Clinical Instructor, D
0 mins 37 secs

[View in context](#)

Active Range of Motion

```

    <subj-group subj-group-type="category">
      <subject>Specialty Areas</subject>
    <subj-group subj-group-type="category">
      <subject>Women's Health</subject>
    </subj-group>
  </subj-group>

```

Authors

1. Dealing with multiple authors with the same affiliation

- The MGH multimedia page will display all author data associated with the video, so if each author has an affiliation, even if they are the same, then both affiliations will get displayed.
- So, the solution here is to give the affiliation only to the last author. The authors will be displayed in the order they appear in the xml.
- The following code block displays this author data [on AEM](#):

Author(s): Ashley S. Bean, MD, Gregory R. Snead, MD
University of Arkansas for Medical Sciences, Little Rock, Arkansas

```

d. <contrib-group>
    <contrib contrib-type="author">
      <name>
        <surname>Bean</surname>
        <given-names>Ashley S.</given-names>
      </name>
      <degrees>MD</degrees> <!-- surname, given-name and
degrees will be combined together into the author display on the multimedia
page -->
    </contrib>
    <contrib contrib-type="author">
      <name>
        <surname>Snead</surname>
        <given-names>Gregory R.</given-names>
      </name>
      <degrees>MD</degrees> <!-- surname, given-name and
degrees will be combined together into the author display on the multimedia
page -->
      <!-- Cross reference to the author's affiliation. -->
      <xref ref-type="aff" rid="aff1" />
    </contrib>
    <aff id="aff1">University of Arkansas for Medical
Sciences, Little Rock, Arkansas</aff>
  </contrib-group>

```

- Two Authors with unique affiliations:

```

i. <contrib-group>
    <contrib contrib-type="author">
        <name>
            <surname>Stack</surname>
            <given-names>Lawrence B.</given-names>
            <degrees>MD</degrees>
        </name>
        <xref ref-type="aff" rid="aff1" />
    </contrib>
    <contrib contrib-type="author">
        <name>
            <surname>Manthey</surname>
            <given-names>David E.</given-names>
            <degrees>MD</degrees>
        </name>
        <xref ref-type="aff" rid="aff2" />
    </contrib>
    <aff id="aff1">Professor of Emergency Medicine and
    Pediatrics, Vanderbilt University</aff>
    <aff id="aff2">Professor of Pediatrics, Wake Forest
    University</aff>
</contrib-group>

```

Brightcove Metadata

The second half of the XML file relates to filling in the BrightCove data. There are six required fields.

1. Duration
 - a. This is a text field, not numeric. Whatever is entered in <meta-value>13 mins, 06 secs</meta-value> will be displayed on the microsite.
2. Height
 - a. **Max value** is 530.
 - b. **DEV NOTE** The maximum width for MH6 videos with chapters is 945 before breaking to new line. If the specified video size is larger then use 945 for width and calculate height. If $((\text{height}/4)*3)=\text{width}$ then use 708 for height; if $((\text{height}/16)*9)=\text{width}$ then use 530 for height; otherwise calculate ratio from original video size and find new height.
3. Width
 - a. **Max value** is 945
 - b. **DEV NOTE** The maximum width for MH6 videos with chapters is 945 before breaking to new line. If the specified video size is larger then use 945 for width and calculate height. If $((\text{height}/4)*3)=\text{width}$ then use 708 for height; if $((\text{height}/16)*9)=\text{width}$ then use 530 for height; otherwise calculate ratio from original video size and find new height.
4. Player
 - a. This is the Brightcove Player ID number.
 - b. PlayerID 1701074961001 is good for 945 width video size.
5. PlayerKey
 - a. Key associated with the Brightcove Player specified in #4.
6. VideoID
 - a. This is the Brightcove ID of the specified video

Full XML Sample

XML wrapper for BC video

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE book-part-wrapper PUBLIC "-//NLM//DTD BITS Book Interchange DTD v1.0
20131225//EN" "http://jats.nlm.nih.gov/extensions/bits/1.0/BITS-book1.dtd">
<book-part-wrapper subj-group-type="multimedia" dtd-version="1.0" xml:lang="en"

```

```

xmlns:mml="http://www.w3.org/1998/Math/MathML"
xmlns:xlink="http://www.w3.org/1999/xlink"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <book-meta>
  </book-meta>
  <book-part book-part-type="object" xml:lang="en">
    <book-part-meta>
      <book-part-id book-part-id-type="publisher-id">4129201103001</book-part-id>
      <!-- Must be updated --><!-- this not an id number for the publisher, but rather an
      unique ID number for this media assigned by the publisher. ID is necessary for
      zipline to know how to reload a package. In order to reload the content, the publisher
      id value must remain the same. Recommend using the BC id number, however MGH must keep
      that in mind that if they load a new version of a video to BC, and reload the media,
      then the publisher-ID must remain the same as the old video or it will load the video
      as a new resource and not replace the old one. If you are reloading an existing video,
      ask Trevor/G-force to look up the legacyID of the video for reload-->
      <subj-group subj-group-type="category">
        <subject>Specialty Areas</subject>
        <subj-group subj-group-type="category">
          <subject>Women's Health</subject> <!-- Must be updated --><!--
Adding a category assigns the media to a left-hand navigation category. This category
is site specific. See documentation on adding categories below. Categories must be
already established in SCM 6.0 -->
        </subj-group>
      </subj-group>
      <title-group>
        <title>Physical Therapy Evaluation & Treatment: Pelvic Girdle Pain
in Pregnancy </title> <!-- Must be updated --><!-- Video Title to appear on multimedia
page -->
      </title-group>
      <contrib-group>
        <contrib contrib-type="author">
          <name>
            <surname>Neville</surname>
            <given-names>Cynthia E.</given-names>
          </name>
          <degrees>PT, DPT, WCS, BCB-PMD</degrees><!-- Must be updated -->
          <!-- surname, given-name and degrees will be combined together into the author display
          on the multimedia page -->
          <!-- Cross reference to the author's affiliation. -->
          <xref ref-type="aff" rid="aff1" />
        </contrib>
        <aff id="aff1">Women's Health Clinical Specialist; SmartBody
Physical Therapy, Jacksonville, Florida; Clinical Faculty, University of North
Florida, Brooks College of Health</aff><!-- Must be updated -->
      </contrib-group>
      <supplementary-material subj-group-type="thumbnail">
        <graphic xlink:href="apt-28.png"/><!-- Must be updated
--><!-- package this thumbnail file in the assets folder -->
      </supplementary-material>
      <self-uri xlink:href="http://bcove.me/hky4pn1o"
subj-group-type="brightcove" /> <!-- http://bcove.me/hky4pn1o can be used as a default
URI for all BC videos -->
      <custom-meta-group>
        <custom-meta> <!-- The following 6 fields are mandatory for Brightcove
videos -->
          <meta-name>duration</meta-name>
          <meta-value>13 mins, 06 secs</meta-value><!-- Must be updated
--><!-- This is a text value, not numeric, just put in whatever value you want to

```

```

appear on the website. -->
    </custom-meta>
    <custom-meta>
        <meta-name>height</meta-name>
        <meta-value>530</meta-value> <!-- 530 is the max value for height
-->

    </custom-meta>
    <custom-meta>
        <meta-name>width</meta-name>
        <meta-value>945</meta-value><!-- 945 is the max value for width-->
    </custom-meta>
    <custom-meta>
        <meta-name>player</meta-name> <!-- This is the default BrightCove
player ID for the 530x945 aspect. If the aspect ratio is different, then a different
playerID from BC is needed. -->
        <meta-value>1701074961001</meta-value>
    </custom-meta>
    <custom-meta>
        <meta-name>playerkey</meta-name> <!-- This is the default
playerkey for BrightCove -->
        <meta-value>AQ~~,AAAAyT9oH9k~,DTelzot21E1nSpajEYjJB2xxrjlZGznd</meta-value>
    </custom-meta>
    <custom-meta>
        <meta-name>videoid</meta-name>
        <meta-value>4129201103001</meta-value><!-- Must be updated --><!--
This is the BrightCove ID -->
    </custom-meta>
</custom-meta-group>
</book-part-meta>
<body>

```

```

        </body>
    </book-part>
</book-part-wrapper>

```

Adding Categories in XML

Tags for categories can be added in the book-part-meta tag.

Use the following spreadsheet to identify the existing categories by website. [MGH Media Categories as of 8-12-2015.xlsx](#)

Use the following structures to add categories to the xml.

DB ID Name	Imported XML	Expected result
=====	=====	=====
===		

Scenario 1		

1 Topic	<subj-group subj-group-type="category">	Assigned to
Topic		
2 Subtopic	<subject>Topic</subject>	
3 Second Subtopic	</subj-group>	
4 Things		
5 Stuff		
6 Things		
-----	-----	-----

Scenario 2		

1 Topic	<subj-group subj-group-type="category">	Assigned to
Subtopic		
2 Subtopic	<subject>Topic</subject>	
3 Second Subtopic	<subj-group subj-group-type="category">	
4 Things	<subject>Subtopic</subject>	
5 Stuff	</subj-group>	
6 Things	</subj-group>	
-----	-----	-----

Scenario 3		

1 Topic	<subj-group subj-group-type="category">	Assigned to
Subtopic		
2 Subtopic	<subject>Stuff</subject>	Assigned to
Stuff		
3 Second Subtopic	<subject>Topic</subject>	
4 Things	<subj-group subj-group-type="category">	
5 Stuff	<subject>Subtopic</subject>	
6 Things	</subj-group>	
-----	-----	-----

Scenario 4

1 Topic	<subj-group subj-group-type="category">	Assigned to
Subtopic		
2 Subtopic	<subject>Topic</subject>	Assigned to
Topic		
3 Second Subtopic	<subject>Topic</subject>	
4 Things	<subj-group subj-group-type="category">	
5 Stuff	<subject>Subtopic</subject>	
6 Things	</subj-group>	
	</subj-group>	

Scenario 5

1 Topic	<subj-group subj-group-type="category">	Assigned to
Things (ID 4)		
2 Subtopic	<subject>Topic</subject>	
3 Second Subtopic	<subj-group subj-group-type="category">	
4 Things	<subject>Things</subject>	
5 Stuff	</subj-group>	
6 Things	</subj-group>	

Scenario 6

1 Topic	<subj-group subj-group-type="category">	Assigned to
Subtopic		
2 Subtopic	<subject>Subtopic</subject>	
3 Second Subtopic	</subj-group>	
4 Things		
5 Stuff		
6 Things		

Scenario 7

1 Topic	<subj-group subj-group-type="category">	Assigned to
Things (ID6)		
2 Subtopic	<subject>Things</subject>	(if single
level in XML		
3 Second Subtopic	</subj-group>	and ambiguous
result		
4 Things		then prefer
top level category)		
5 Stuff		
6 Things		

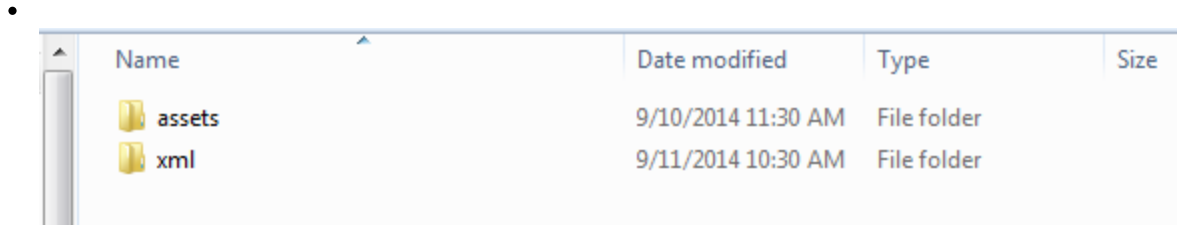
Scenario 8

1 Topic	<subj-group subj-group-type="category">	Assigned to
Third Tier		
2 Subtopic	<subject>Topic</subject>	
3 Second Subtopic	<subj-group subj-group-type="category">	

7	Third Tier		<subject>Second Subtopic</subject>	
4	Things		<subj-group subj-group-type="category">	
5	Stuff		<subject>Third Tier</subject>	
6	Things		</subj-group>	
			</subj-group>	
-----			-----	

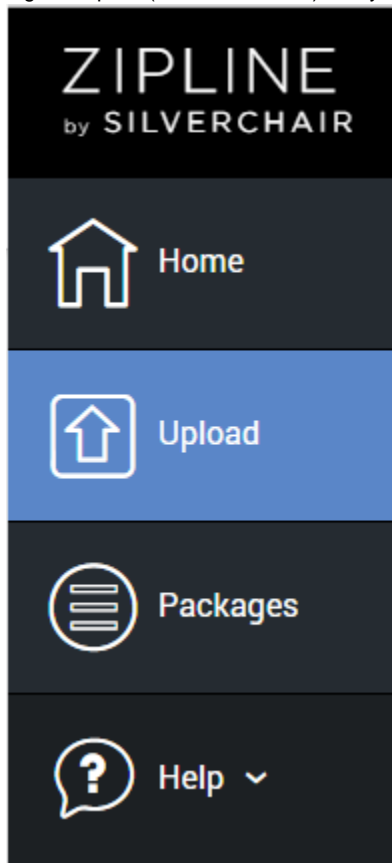
Loading the Files (Transfer and Process)

1. First, create the zip files with the xml and images (called "assets"). The zipped package will have two folders, one folder called Assets which contains the thumbnails, and a second folder called XML which has the xml files. As long as files are uniquely named, multiple xml files and multiple assets can be zipped into one package.

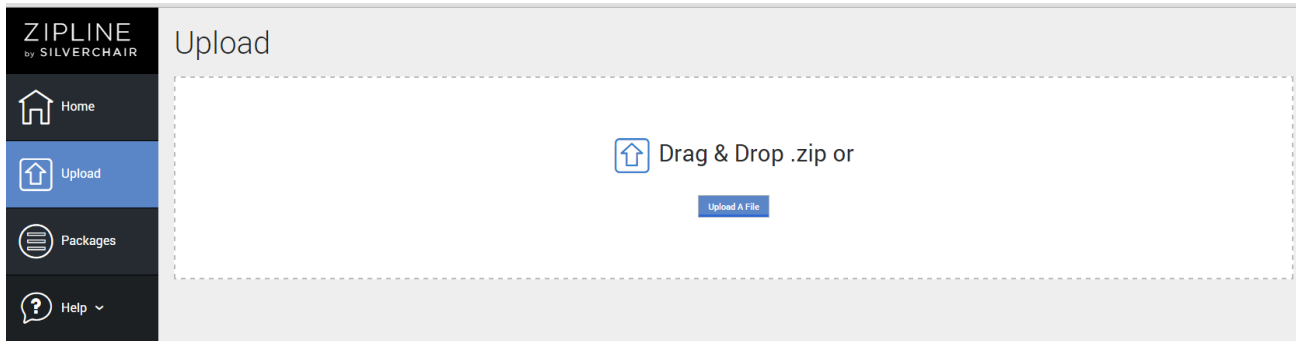


Name	Date modified	Type	Size
assets	9/10/2014 11:30 AM	File folder	
xml	9/11/2014 10:30 AM	File folder	

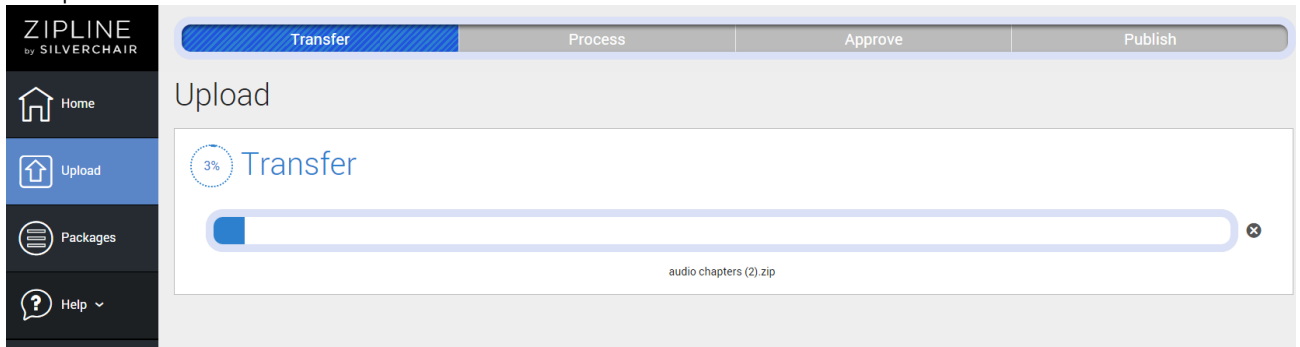
2. Log into zipline (see URLs above) with your account and click on the upload files button:



3. Drag and drop the zip folder into the box and wait for zipline to upload the files.



First zipline will transfer the files:



4. The site picker will come up if the content has not been loaded before. Select the site the video goes on and hit "Process".

Please pick a site for the content in this package.

- ☐ **McGraw-Hill Medical**
- ☐ **AccessAnesthesiology**
- ☐ **AccessEmergency Medicine**
- ☐ **AccessMedicine**
- ☐ **AccessPediatrics**
- ☐ **AccessPharmacy**
- ☐ **AccessPhysiotherapy**
- ☐ **AccessSurgery**
- ☐ **OMMBID**
- ☐ **McGraw-Hill Medical Store**
- ☐ **ClinicalAccess**
- ☐ **JAMAevidence**
- ☐ **HarrisonMedicina**
- ☐ **Unbound MGH Mobile**
- ☐ **Neurology Collection**
- ☐ **ObGyn Collection**
- ☐ **Pharmacotherapy Principles & Practice**
- ☐ **AccessMedicina**
- ☐ **Cases Collection**

Process

Note: Do **not** select "McGraw-Hill Medical" or "McGraw-Hill Medical Store" or "Unbound MGH Mobile" as these are not set up for resource subscriptions. If you select any of these there will be access issues when you try to preview or publish the resource. Zipline will then process the files:

McGraw-Hill Medical Sites User Services Site Tour Subscriptions Clinical Access

ACCESS Physiotherapy
Stronger Content for Today's PT

Access Provided by: Clinical Access

Home Readings Quick Reference Drugs Multimedia Cases Self-Assessment Custom Curriculum

Search AccessPhysiotherapy Search Advanced Search

Physical Therapy Evaluation & Treatment: Pelvic Girdle Pain in Pregnancy

Email a link

13 mins, 06 secs
AID (Brightcove) = 1116945433

Jump to:

- History and Interview
- Examination for Pelvic Girdle Pain
- Pelvic Girdle Pain Provocation Tests and Load Transfer Tests
- Pubic Symphysis Test
- Long Dorsal Ligament Test (LDL)
- SI Compression & Distraction Testina

- Once proofing is complete (or is not necessary) select all videos and click "Approve Selected"
- You will then be taken to the Publish step. From here you can preview again if needed. Once videos are ready to be published, select the videos and click "Publish Selected."

ZIPLINE by SILVERCHAIR

Home Upload Packages Help

Transfer Process Approve Publish

0% Publish

☒ select all **1 Pending Publish (1 Replacing)** Publish Selected

☒ Physical Therapy Evaluation & Treatment: Pelvic Girdle Pain in Pregnancy (41...
This replaced *Physical Therapy Evaluation & Treatment: Pelvic Girdle Pain in Pregnancy*,
Package 1086897.

Preview Publish

Package ID 1086898
Ziplined by thiblar@silverchair.com
Site ID 56
Date Imported 8/12/2015 2:59 PM
Title AccessPhysiotherapy Multimedia

Approve
All items in AccessPhysiotherapy are approved!

- Choose to either publish Immediately or schedule a date for publication. Note, Not sure if the permissions options work for video. Best to select subscription only.

X

Publish

☐ Immediately
 ☒ Schedule

Date

Time

Permissions

6. You will see a confirmation page once publishing is complete (it will say "Live" if published immediately or it will have the date when it is scheduled to be published).

Publish

All items in *AccessPhysiotherapy* have been published!

Physical Therapy Evaluation & Treatment: Pelvic Girdle Pain in Pregnancy (41...

LIVE

This replaced *Physical Therapy Evaluation & Treatment: Pelvic Girdle Pain in Pregnancy* .[Package 1086897](#).

Package ID	1086898
Ziplined by	thiblar@silverchair.com
Site ID	56
Date Imported	8/12/2015 2:59 PM
Title	AccessPhysiotherapy Multimedia