

# Photobook UC

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# Generic Use Case

- A series of photos and/or regions-of-interest within that series of photos (of a particular journey, for instance) can be linked together temporally or certain regions-of-interest of a series of photos can be linked together spatially.

## Specific UC 1 - Temporally

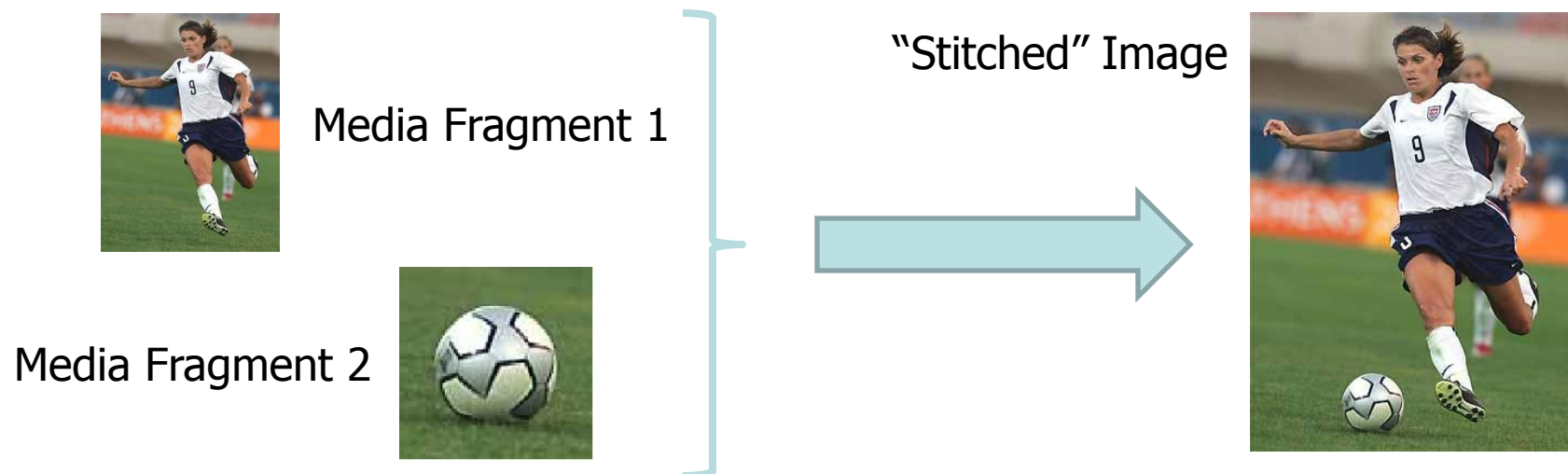
- Temporally this means that an application would be a slide show made up of image fragments from different servers - a kind of image playlist of fragment URIs.



- There may be an issue with size.

## Specific UC 2 - Spatially

- Spatially this means that an application would be the creation of a "stitched" image from images where regions are brought together from different servers.



- There may be an issue with smoothing and/or positioning.

## Existing technologies (1/4)

- RSS & Atom Web Content Syndication Formats
  - Windows Live Gallery: Flickr RSS Slideshow gadget created by the Windows Live Spaces team
  - takeslides.com uses the Google AJAX Feeds API and GFslideShow to create a simple slide show gadget of your favorite media RSS/Atom feed. You can take your gallery from Picasa, Flickr or Photobucket to your web page, igoogole or iphone

## Existing technologies (2/4)

- W3C's SMIL
  - XML-based markup language that allows you to control the layout of your multimedia presentation (what and where the media objects are) as well as its synchronization and temporal relationship
  - Using `<seq>` & `<par>` tags
  - Using "begin" & "dur" attributes
  - SMIL Player needed

## Existing technologies (3/4)

- MPEG-21 Part 17: Fragment Identification of MPEG Resources
- MPEG-21 Part 2: Digital Item Declaration (DID)
- MPEG-21 Part 10: Digital Item Processing (DIP)
  - client-side processing ... pseudo playlist
- MPEG-A
  - MAF's (Media Application Format) guidance by offering combinations of various MPEG technologies to address specific application scenarios
  - Photo Player MAF
    - MPEG-4, MPEG-7, MPEG-21

## Existing technologies (4/4)

- XSPF (“spiff”): XML Shareable Playlist Format
  - Xiph community (Ogg, Vorbis, Flac, Theora)
  - Multimedia (but primarily focused on audio)
  - Using <playlist>, <trackList>, <track> & <location>



# Discussion

- Other Specific Uses Cases around?
- Other Technologies around?
- Issues forgotten?