PCS CG Specification Draft

# Main features

1. Scene(project) info contained in a single project file with XML format and extension (?)
2. One project contains single scene(?)
3. Project can contain any number of supported items.
4. All coordinates and dimensions are in pixels thus project should have video format selection.

# Types of Items

1. Simple text
2. Shape: rectangle, circle, ellipse, triangle, star
3. Image. Picture itself is in file. Depending of URL of this file it can be: still image, image sequence, video.
4. Subtitles. SRT files supported
5. Date and time text
6. StopWatch timer text. From start time to infinity
7. Countdown timer text. From start time to zero
8. Timecode text(?)
9. Crawl
10. Roll
11. Ticker

# Common item properties

1. Base properties:
   1. Alignment
   2. Position
   3. Width
   4. Height
   5. Opacity
   6. Playback mode- 'loop', 'onetime', 'onetime-hide'
   7. Scaling type - 'fit-ar', 'exact-fit', 'no-scale', 'shrink-to-fit', 'shrink-to-fit-ar', 'cover-ar', 'text-scale'
   8. Indent
   9. Background color
   10. Edges smoothness
2. Playback rate
3. Auto blend. Contains the following attributes:
   * + start - duration in frames before blending starts
     + ramp - time period for transition from On to Off in frames
     + on - duration in frames for which the item is shown
     + off - duration in frames for which the item is hidden
     + repeat - indicates whether the behavior is repeating ('yes') or not ('no')
     + rewind - rewinds current state of item when auto-blend is set.
4. Effects - shadow, glow, blur