WebPPT

1. Data Structure

2. Structure

JS
Marker — Immediator/Controller
  Viewer
  Pages
  Layer
  Config
  Dependency
   require
   jQuery
  Helpers
   tpler
   dragger
   ruler
   resizer
   tab
   confPanel
   ----
   tips
   alerter
   tools
   sounder

3. *Action*

Marker

  Public Interfaces:
  init:[void]
   new -> tab, confPanel, view, page, layer,
    operations in viewer, pages, layer instance will call to marker, and let marker dispatch the actual tasks
   bindEvent:[void]
    noop
   changePage:[Interger:pageIndex]
    reset page index and init viewer and layer
   changeStyles:[id, css, styles]
    change the element style and css, also set the active state on the target layer
   changeStates:[id, type]
    change the element state, which can be visible/invisible,

lock/unlock

sortPages: [ids]

combine with the pages module, when the page has been dragged and dropped, act as a callback to reset the data of pages, [sorting will be implement in the pages module]

sortLayers: [ids]

combine with the layer module, the same with the one above

newPage: [id]

Add new page datastruct to the data.pages array

delPage: [id]

Remove page datastruct in the data.pages array

copyPage: [id]

Copy the page with a give page index, and set the pages copyer to true

pastePage: [id, after, data]

Reset uuid, reset data.pages, reset page number

getElement:[id]

get element in current page, can be text or image now

getPage: [id]

get page with the given pageId, which only return data structure

getLayer:

get layer with the given layerId, which only return data structure

copyLayer:

new a layer data structure and set viewer and layer's copyer area of true

pasteLayer:

reset data structure of data.pages.layer *and then call* *viewer, pages, layer -> addElement*

delLayer:

Private Interfaces:

newPage:

newLayer:

-> generate empty model instance which defaults with the basic model data structure

Viewer

Public Interfaces