

02/05/2025

Online Calendar Editor API V2

Description

Picabook's online [calendar editor](#) is a serverless **AngularJS** web application, with responsive mobile/desktop design.

V2 Tasks

1. Add multi-photo page template support
 - a. Add a new tool button that opens a new slider with the available layouts (layouts and visuals are pulled from server)
 - b. Modify page click function to be position-sensitive (to detect the clicked element)
 - c. Modify photo selection and edit to get/return specific element
2. Improve responsive layout for desktop
 - a. Better use of desktop screen (currently it is similar to the mobile layout) to show the product page with more details
 - b. Consider 3 project sizes (calendar types)
 - c. Allow zoom for calendar page (page render is done server-side)
3. Add zoom for calendar page for mobile as well
4. Add photo delete functionality
5. Add info (tips) icon & dialog

API Gateway

Staging version is available @ api.picabook.co.il/stage-v2.0

API Modifications

1. /Calendar/Layouts - GET Method (new)

A method to fetch the list of available layouts for the calendar project.

Query string parameters:

bookid	numeric	optional
userid	numeric	optional
verify	string	optional
projectType	string	mandatory
theme	string	mandatory

Response JSON:

```
{
  "status": "OK",
  "CalendarLayouts": [
    {
      "name": "תמונה אחת",
      "id": 30,
      "previewSrc": "CAL25\\WebGeneral\\Preview\\L1.jpg"
    },
    { ..
  ]
}
```

2. /Calendar/Layouts - POST Method (new)

A method to update the layout of a particular page. The method responds with an 'UpdateResponse' object and the modified 'pageElements' object.

Query string parameters:

bookid	numeric	mandatory
userid	numeric	mandatory
verify	string	mandatory

Request Body JSON:

```
{
  "layout": {
    "pageIndex": 5,
    "layoutId": 30
  }
}
```

Response JSON:

```
{
  "status": "OK",
  "UpdateResponse": {
    "modifiedPages": [5],
    "isAll": false
  },
  "pageIndex": 5,
  "pageElements": [
    {
      "idx": 1,
      "key": "IMAGE-2",
      "tag": "",
      "rect": {"top": 16, "left": 10, "width": 190, "height": 125},
      "cropRect": {"cropTop": 0.2533, "cropBottom": 0.2533,
        "cropLeft": 0.0000, "cropRight": 0.0000}
    }
  ]
}
```

3. /DeleteImages - DELETE Method (new)

A method to delete images from the project. The images to delete are passed as a list of image keys.

Query string parameters:

bookid	numeric	mandatory
userid	numeric	mandatory
verify	string	mandatory

Request Body JSON:

```
{
  "deleteImages": [
    "IMAGE-12",
    "IMAGE-27"
  ]
}
```

Response JSON:

```
{
  "status": "OK",
  "UpdateResponse": {
    "modifiedPages": [0],
    "isAll": true
  }
}
```

4. tipURL - additional parameter returned in the 'project' object

If a string is returned, use it as the url for the tip dialog. If not returned (or string is blank) do not show the tip/info button..

Currently the tips dialog code is injected using Google Tag Manager. This code is attached as a separate file.