DocOps.io AsciiDoctorJ Panels

Steve D Roach

Table of Contents

1. What are they?

AsciiDoctorJ Panels are a way of creating a panel that is clickable. Now you can create a set of panels that links to various contents, an alternative way of building links.

2. How to use?

AsciiDoctorJ Panels are built using a block processor. SO you will need to create blocks to visualize them. For the most part, the body of the panel is built using a Kotlin DSL.

2.1. First Example

The first type of panels is just panels with a list of panel objects. See example below

```
panels {
    panel{
        link = "http://wwww.google.com"
        label = "Google Search"
    }
}
```

Given the above, we will build panels for Google, Apple, Microsoft,Amazon, Netflix

```
[panels,"buttons",width="80%"]
----
panels {
    theme {
        colorMap {
                color("#a1f196")
                color("#165578")
                color("#7d746c")
                color("#2442d1")
                color("#c0adef")
                color("#4d2666")
                color("#fbb103")
                color("#1eb3f1")
                color("#4f49eb")
                color("#f3b304")
                color("#e693ce")
                color("#a6b23b")
                color("#ad217f")
                color("#2fb6ee")
                color("#81392e")
                color("#071e9b")
                color("#675b01")
                color("#ed6b19")
                color("#a02cae")
                color("#88683f")
            }
    }
    panel {
        link = "https://www.google.com"
        label = "Google"
    }
    panel {
        link = "https://www.apple.com"
        label = "Apple"
    }
    panel {
        link = "https://www.microsoft.com"
        label = "Microsoft"
    }
    panel {
        link = "https://www.amazon.com"
        label = "Amazon"
    }
    panel {
        link = "https://www.netflix.com"
        label = "Netflix"
    }
}
```

```
----
```

Amazon	**Apple**	**Google**
Instagram	**Microsoft**	**Netflix**

The syntax is pretty small to make a panel of buttons.

3. Round Buttons

Similar to the buttons, we have a round object we can use.

```
[panels,buttons2]
----
{
  "buttons": [
    {
      "label": "Google",
      "link": "https://www.google.com",
      "description": "Google is is an American multinational technology company that
specializes in Internet-related services and products",
      "type": "Advertising",
      "author": [
        "Sergey Brin",
        "Larry Page"
      ]
    },
    {
      "label": "Apple",
      "link": "https://www.apple.com",
      "description": "Apple Inc. is an American multinational technology company that
specializes in consumer electronics, computer software and online services.",
      "type": "Personal Devices",
      "author": [
        "Steve Jobs",
        "Steve Wozniak"
      ],
      "date": "01/30/1977"
    },
    {
      "label": "Microsoft",
      "link": "https://www.microsoft.com",
      "description": "Microsoft Corporation is an American multinational technology
corporation which produces computer software, consumer electronics, personal
computers, and related services.",
      "type": "Software",
      "author": [
        "Bill Gates"
      ]
```
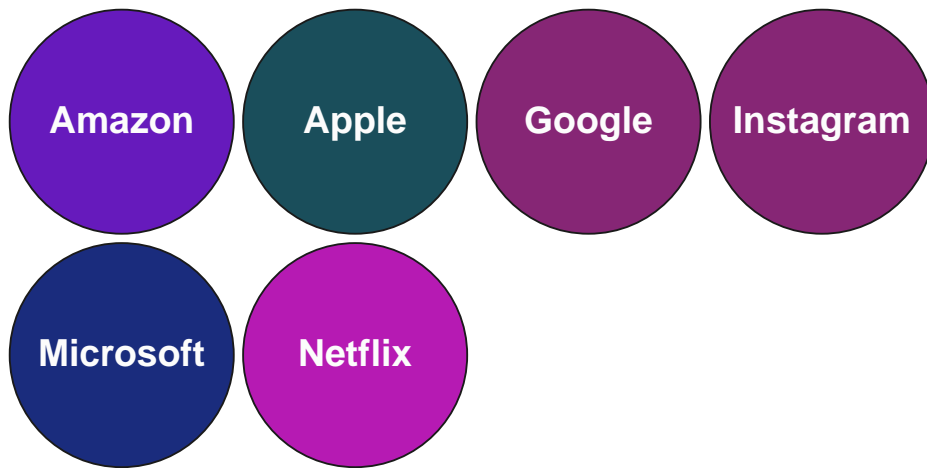
```
    },
    {
      "label": "Amazon",
      "link": "https://www.amazon.com",
      "description": "Amazon.com, Inc. is an American multinational technology company
which focuses on e-commerce, cloud computing, digital streaming, and artificial
intelligences",
      "type": "Super Store",
      "author": [
        "Jeff Bezos"
      ]
    },
    {
      "label": "Netflix",
      "link": "https://www.netflix.com",
      "description": "Netflix, Inc. is an American subscription streaming service and
production company.",
      "type": "Movie Theater",
      "author": [
        "Reed",
        "Marc"
      ]
    },
    {
      "label": "Instagram",
      "link": "https://www.instagram.com",
      "description": "Instagram is an American photo and video sharing social
networking service.",
      "type": "Beach",
      "author": [
        "Kevin",
        "Mike"
      ]
    }
  ],
  "buttonType": "ROUND",
  "theme": {
    "colors": [
          "#790e66",
    "#003a49",
    "#00156f",
    "#5500b5",
    "#ae00ab"

    ],
    "columns": 4,
    "scale": 0.7,
"buttonStyle": {
    "labelStyle": "font-family: Arial, Helvetica, sans-serif; font-size: 20px; fill:
#fcfcfc; letter-spacing: normal;font-weight: bold;",
"descriptionStyle": "font-family: Arial, Helvetica, sans-serif; font-size: 10px; fill:
```

```
#fcfcfc; letter-spacing: normal;font-weight: normal;",
 "authorStyle": "font-family: Arial, Helvetica, sans-serif; font-size: 10px; fill:
 #fcfcfc; letter-spacing: normal;font-weight: normal;",
 "dateStyle": "font-family: Arial, Helvetica, sans-serif; font-size: 10px; fill:
 #fcfcfc; letter-spacing: normal;font-weight: normal;font-style: italic;"
    }
    }
 }
 ----
```


4. Theming

💡   New Attributes added, dropShadow & font

Table 1. Theme Guide

Item	Attribute	Value
layout	columns	*optional*, default: 3, max recommended 6
	groupBy	default Grouping.TITLE, others → .Grouping.TYPE, Grouping.AUTHOR, Grouping.DATE
	groupOrder	*optional* default Grouping.ASCENDING, others → Grouping.DESCENDING

		``
		theme {
		    layout {
		        columns = 4
		        groupBy = Grouping.TITLE
		        groupOrder = GroupingOrder.ASCENDING
		    }
		}
		``

colorMap	color	*optional*

Item	Attribute	Value
| | | ```
colorMap{
    color("#a1f196")
    color("#165578")
    color("#7d746c")
    color("#2442d1")
    color("#c0adef")
    color("#4d2666")
    color("#fbb103")
    color("#1eb3f1")
    color("#4f49eb")
    color("#f3b304")
    color("#e693ce")
    color("#a6b23b")
    color("#ad217f")
    color("#2fb6ee")
    color("#81392e")
    color("#071e9b")
    color("#675b01")
    color("#ed6b19")
    color("#a02cae")
    color("#88683f")
    color("#FDCBF1")
}
``` |
legendOn	legend	boolean, *default true*
newWin		boolean, *default true*
dropShadow		number 0..9, *default 1*
| font | | set of font to use<br><br>```
font = font {
    color = "#000000"
    font = "Arial, Helvetica, sans-serif"
    size = "9pt"
  decoration = "underline"
}
``` |

4.1. Themed Example

Same Panel as above but with sorting ascending and different colors.

```
[panels,"round2"]
----
panels {
    theme {
```

```
        layout {
            columns = 4
            groupBy = Grouping.TITLE
            groupOrder = GroupingOrder.ASCENDING
        }
        font = font {
            color = "#ffffff"
        }
        dropShadow = 2
        colorMap{
            color("#ff6385")
            color("#36a3eb")
            color("#9966ff")
            color("#ffcf56")
            color("#4bc0c0")
            color("#FDCBF1")
        }
        newWin = false
    }
    panel {
        link = "https://www.google.com"
        label = "Google"
    }
    panel {
        link = "https://www.apple.com"
        label = "Apple"
    }
    panel {
        link = "https://www.microsoft.com"
        label = "Microsoft"
    }
    panel {
        link = "https://www.amazon.com"
        label = "Amazon"
    }
    panel {
        link = "https://www.netflix.com"
        label = "Netflix"
    }
}
----
```

Amazon   Apple   Google   Instagram

Microsoft   Netflix

5. Small Panels

More informational panels can be created with small cards

```
panels {
    theme {
        layout {
            columns=4
            groupOrder = GroupingOrder.ASCENDING
        }
        font = font {
            color = "#000000"
        }
        colorMap{
            color("#ebb3d1")
        }
        legendOn = false
        gradientStyle = DarkTheme
    }
    slim {
        link = "https://www.google.com"
        label = "Google"
        type = "Advertising"
        description = "Google is is an American multinational technology company that
specializes in Internet-related services and products "
        author("Sergey Brin")
        author("Larry Page")
        date ="07/30/1998"
    }
    slim {
        link = "https://www.apple.com"
        label = "Apple"
        type = "Personal Devices"
        description = "Apple Inc. is an American multinational technology company that
specializes in consumer electronics, computer software and online services. "
        author("Steve Jobs")
        author("Steve Wozniak")
        date ="01/30/1977"
    }
    slim {
        link = "https://www.microsoft.com"
        label = "Microsoft"
        type = "Software"
        description = "Microsoft Corporation is an American multinational technology
corporation which produces computer software, consumer electronics, personal
computers, and related services."
        author("Bill Gates")
    }
    slim {
        link = "https://www.amazon.com"
        label = "Amazon"
        type = "Super Store"
        description = "Amazon.com, Inc. is an American multinational technology
company which focuses on e-commerce, cloud computing, digital streaming, and
```

```
artificial intelligence"
        author("Jeff Bezos")
    }
    slim {
        link = "https://www.netflix.com"
        label = "Netflix"
        type = "Movie Theater"
        description = "Netflix, Inc. is an American subscription streaming service and
production company."
        author("Reed")
        author("Marc")
    }
    slim {
        link = "https://www.facebook.com"
        label = "Facebook"
        type = "Social Butterfly"
        description = "Facebook is an American online social media and social
networking service owned by Meta Platforms."
        author("Mark Zukerberg")
    }
    slim {
        link = "https://www.instagram.com"
        label = "Instagram"
        type = "Beach"
        description = "Instagram is an American photo and video sharing social
networking service. "
        author("Kevin")
        author("Mike")
    }
    slim {
        link = "#[link-server]#[app]"
        label = "DocOps.io"
        type = "Documentation"
        description = "Sharing documentation experience for developers to extend with
AsciiDoctor"
        author("Steve Roach")
        author("Ian Rose")
    }
}
```

5.1. Pill Buttons
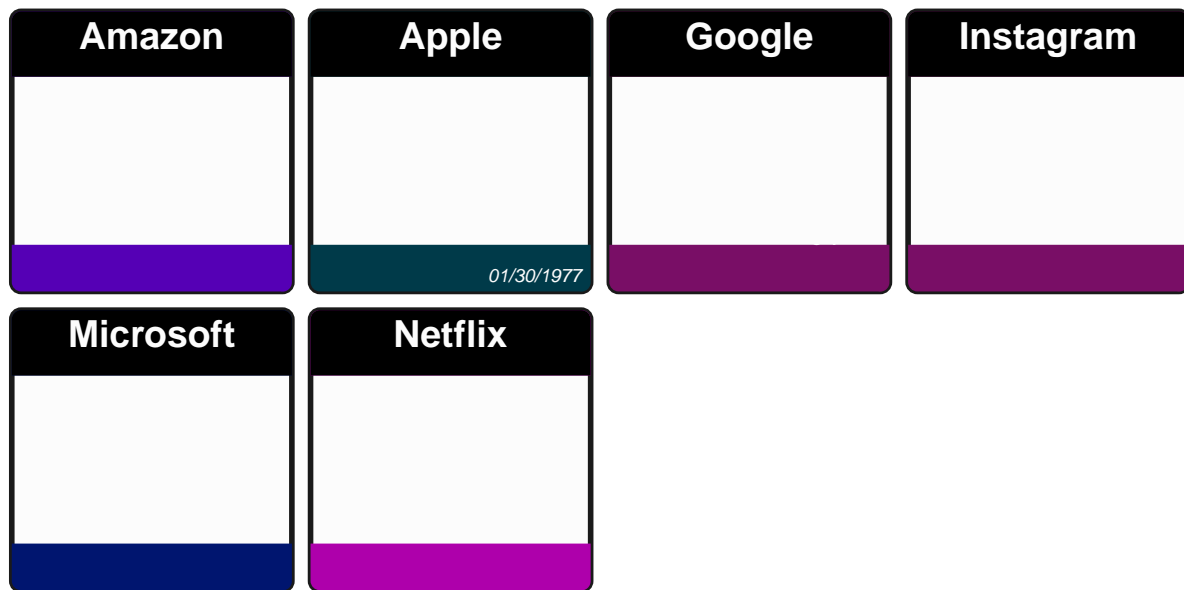
Amazon   Apple   Google   Instagram

Microsoft   Netflix

6. Slim Buttons

Amazon	Apple	Google	Instagram
	01/30/1977		

Microsoft	Netflix

Table 2. Slim Cards Guide

Item	Attribute	Notes
slim	type	A way to categorize the card by in case you would like to group or sort by, see the Theme table for sorting and grouping
	description	used as the hover over information describing the card
	author	list of "author" to the link provided
	date	date to display content attributed to link

7. Large Panels

The alternative to Slim Panel is Large Panels where the description is now displayed on the card

```
[panels,"large"]
----
panels {
theme {
    layout {
        columns = 3
    }
    font {
        color = "#000000"
        bold = true
    }
    colorMap{
        color("#ff6385")
        color("#36a3eb")
```

```
            color("#9966ff")
            color("#ffcf56")
            color("#4bc0c0")
            color("#FDCBF1")
            color("#A6C1EE")
        }
    }
    large {
        link = "https://www.google.com"
        label = "Google"
        type = "Search"
        description = "Google is is an American multinational technology company that
specializes in Internet-related services and products "
        date ="07/30/1998"
    }
    large {
        link = "https://www.apple.com"
        label = "Apple"
        type = "Personal Devices"
        description = "Apple Inc. is an American multinational technology company that
specializes in consumer electronics, computer software and online services. "
        date ="01/30/1977"
    }
    large {
        link = "https://www.microsoft.com"
        label = "Microsoft"
        type = "Software"
        description = "Microsoft Corporation is an American multinational technology
corporation which produces computer software, consumer electronics, personal
computers, and related services."
    }
    large {
        link = "https://www.amazon.com"
        label = "Amazon"
        type = "Super Store"
        description = "Amazon.com, Inc. is an American multinational technology
company which focuses on e-commerce, cloud computing, digital streaming, and
artificial intelligence"
    }
    large {
        link = "https://www.netflix.com"
        label = "Netflix"
        type = "Movie Theater"
        description = "Netflix, Inc. is an American subscription streaming service and
production company."
    }
    large {
        link = "https://www.facebook.com"
        label = "Facebook"
        type = "Social Butterfly"
        description = "Facebook is an American online social media and social
```

```
networking service owned by Meta Platforms."
    }
    large {
        link = "https://www.instagram.com"
        label = "Instagram"
        type = "Beach"
        description = "Instagram is an American photo and video sharing social
networking service founded by Kevin Systrom and Mike Krieger. "
    }
}
----
```
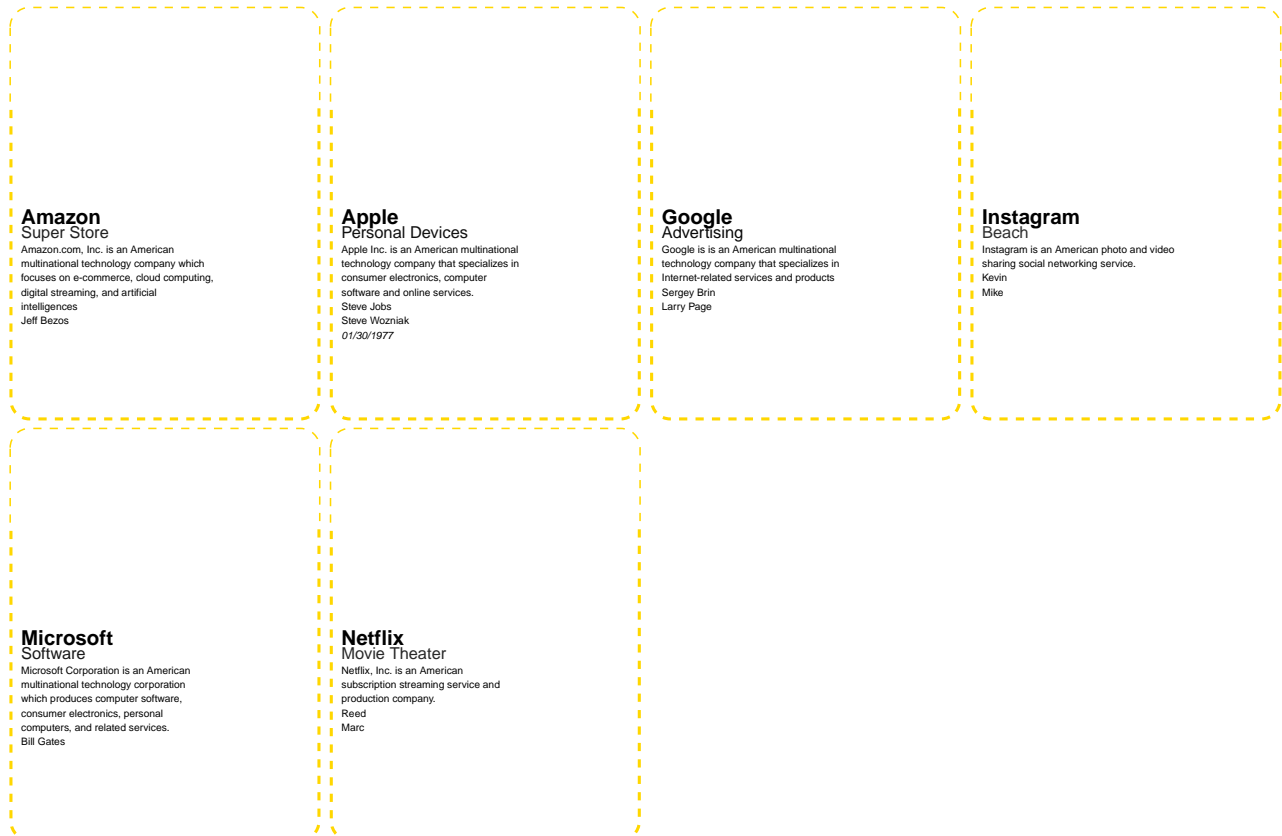

Table 3. Large Cards Guide

Item	Attribute	Notes
large	type	A way to categorize the card by in case you would like to group or sort by, see the Theme table for sorting and grouping
	description	more information on the content behind the link
	date	date to display content attributed to link

8. Badges/Shield

8.1. Syntax

```
[badge]
----
Build|Pass|https://www.yahoo.com|#800080|#00dd00|<Github>|#eeeeee|
Technical|Debt|https://www.yahoo.com|#cc263f|#5d6d7e|<Yahoo>|#000000
----
```

Table 4. Pipe Delimited Values

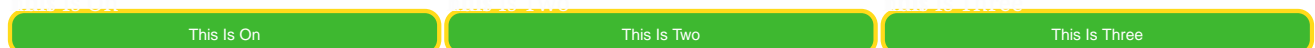| Label	Message	Url		Label Color	Message Color	Icon	Font Color
Label for the Badge	Message For Badge	Optional Url	Still needs pipe character with empty url	Color for label, e.g. #ff0000	Color for message, e.g. #ffccb9	SimpleIcon name, eg <C>	Color of the font

9. ButtonPanel at 66% width

10. Building Out a Release Strategy

10.1. Style is timeline

[?payload=H4sIAAAAAAAA
wMAAAAAAAAAAAA=&type=PDF&animate=ON&numchars=32&useDark=false&filename=def] |
http://localhost:8010/extension/api/release/?payload=H4sIAAAAAAA_wMAAAAAAAAAAA=
&type=PDF&animate=ON&numchars=32&useDark=false&filename=def.svg

Excel

10.2. Style is timeline summarized

[?payload=H4sIAAAAAAAA

wMAAAAAAAAAAAA=&type=PDF&animate=ON&numchars=32&useDark=false&filename=def] |
http://localhost:8010/extension/api/release/?payload=H4sIAAAAAAAA_wMAAAAAAAAAAA=
&type=PDF&animate=ON&numchars=32&useDark=false&filename=def.svg

Excel

10.3. Style is timeline grouped

[?payload=H4sIAAAAAAAA
wMAAAAAAAAAAAA=&type=PDF&animate=ON&numchars=32&useDark=false&filename=def] |
http://localhost:8010/extension/api/release/?payload=H4sIAAAAAAAA_wMAAAAAAAAAAA=
&type=PDF&animate=ON&numchars=32&useDark=false&filename=def.svg

Excel

10.4. Style is Roadmap

[?payload=H4sIAAAAAAAA
wMAAAAAAAAAAAA=&type=PDF&animate=ON&numchars=32&useDark=false&filename=def] |
http://localhost:8010/extension/api/release/?payload=H4sIAAAAAAAA_wMAAAAAAAAAAA=
&type=PDF&animate=ON&numchars=32&useDark=false&filename=def.svg

Excel

10.4.1. Roadmap with Animation off

[?payload=H4sIAAAAAAAA
wMAAAAAAAAAAAA=&type=PDF&animate=OFF&numchars=25&useDark=true&filename=def] |
http://localhost:8010/extension/api/release/?payload=H4sIAAAAAAAA_wMAAAAAAAAAAA=
&type=PDF&animate=OFF&numchars=25&useDark=true&filename=def.svg

Excel

10.5. Example Source

```
[release,scale=0.7]
----
----
```

10.6. JSON Schema

Link to schema for the JSON used for creating a release strategy.

https://docops.io/extension/schemas/release-strategy-schema.json

11. Timeline Builder

A timeline can be created with a simple text markup with an asciidoctor block macro. The macro would look like this `[timeline,title="Demo timeline Builder by docops.io",scale="0.7",role="center"]`

- **timeline** is the macro to be used
- **title** is title of the timeline image
- **scale** is a decimal value on how to scale(zoom) the image 1.0 is default
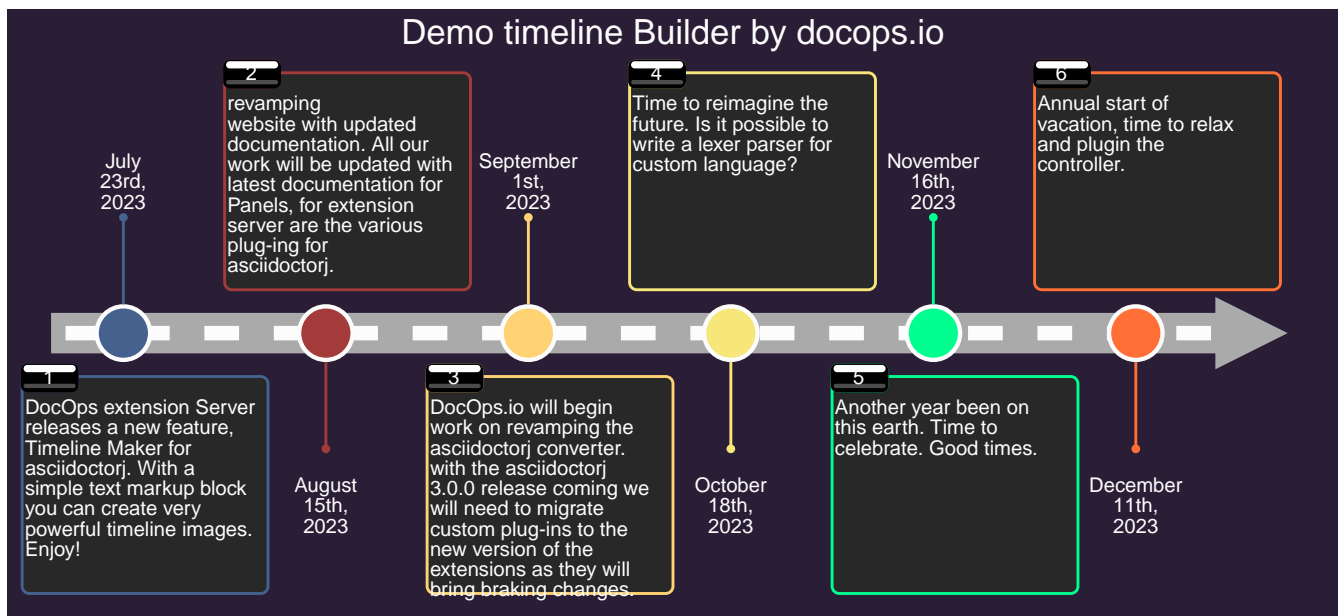- **role** for aligning *left*, *center*, *right*

Each entry inside the macro consists of an array delimiter (-),a date: key and a text: key Similar to the example below. Repeat those three elements as needed.

> In addition, the text value can contain http links, but the format needs to be [[https://website display]]
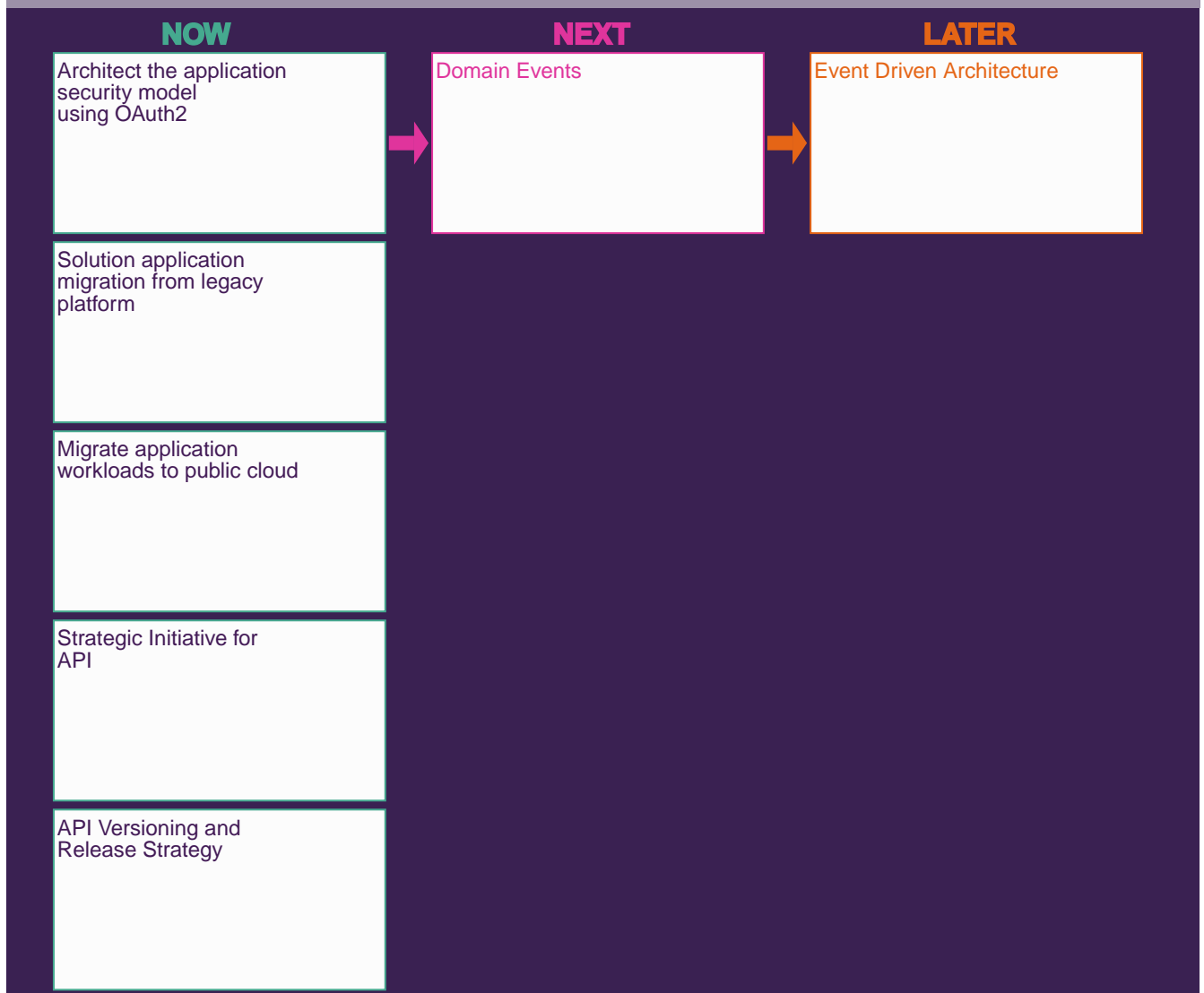>
> - First part is the url and second part is the display link label.

```
-
date: TBD
text: xxyz
```


Demo timeline Builder by docops.io

12. Roadmap Planning

Roadmap Title Here

NOW	NEXT	LATER

Architect the application security model using OAuth2

Domain Events

Event Driven Architecture

Solution application migration from legacy platform

Migrate application workloads to public cloud

Strategic Initiative for API

API Versioning and Release Strategy

13. Buttons

Revamped Panels into Buttons using JSON data structure JSON Schema TBD.

Cherry Garcia

Cherry Garcia

Chunky Monkey

Chunky Monkey

Cookies & Cream

Cookies & Cream

Cookies & Cream

Mint Chocolate Chance

Mint Chocolate Chance

New York Super Fudge Chunk

New York Super Fudge Chunk

[buttons?payload=H4sIAAAAAAAA 02OMQ CMBSEd38FqYkTUkwcDJshxsWJyGQcCj4DUvqa9hkkhP8uVFRuuOHu8uW6hTeIZU8iVJZF3sUFnfOhk CIDOcQsRqxKsN7Kiw2Imvm RamqcVAQaRtx3jRNILSWEOQ4m1GrYcb5FzlKNGOz3IajmCt651d fu88IZLDMT3tkwnBqIAaUiO J4YPEnMhC7QU7cJNyOFFoGyJin9At9JqKVp R2PA0toRgodFxRb9G7cAiiMSAQAA&type=PDF&useDark=false&filename=ghi] | http://localhost:8010/extension/api/buttons?payload=H4sIAAAAAAAA_02OMQ- CMBSEd38FqYkTUkwcDJshxsWJyGQcCj4DUvqa9hkkhP8uVFRuuOHu8uW6hTeIZU8iVJZF3sUFnfOhk CIDOcQsRqxKsN7Kiw2Imvm_RamqcVAQaRtx3jRNILSWEOQ4m1GrYcb5FzlKNGOz3IajmCt651d_fu8 8IZLDMT3tkwnBqIAaUiO_J4YPEnMhC7QU7cJNyOFFoGyJin9At9JqKVp- R2PA0toRgodFxRb9G7cAiiMSAQAA&type=PDF&useDark=false&filename=ghi.svg

Steve's Work

pass in theme (light,dark)

color background roadmap

remove car from release strategy

COMPLETED

image embed slim

refactor displayConfigUrl to displayTheme

Digital Policy Service

PCF to EKS → TMVS++

PCF to EKS	TMVS++
S Spring Boot 2.7 on Pcf Platform	**D** Docker Containerized Spring Boot 3.x on EKS
R Redis used for storing circuit breaker data	**O** Okta used for Authentication
M MySql for storing zipkin traces	**P** PVC used for storing circuit breaker data
R RabbitMQ for sendign zipkin traces	**O** Open Search for zipkin trace storage
	I IBOB guidelines compliance
	F Flight check completed
	B Blue/Green/Canary deployments supported
	D Documented Local Setup for building & debugging
	P Production Support Guidelines documented
	S Splunk queries documented
	A Actuator Endpoints validated