

DocOps.io AsciiDoctorJ Panels

Steve D Roach

Table of Contents

1. What are they?	1
2. How to use?	1
2.1. First Example	1
3. Round Buttons	3
4. Theming	5
4.1. Themed Example	6
5. Small Panels	7
5.1. Pill Buttons	9
6. Slim Buttons	10
7. Large Panels	10
8. Badges/Shield	12
8.1. Syntax	13
9. ButtonPanel at 66% width	13
10. Building Out a Release Strategy	13
10.1. Style is timeline	13
10.2. Style is timeline summarized	14
10.3. Style is timeline grouped	14
10.4. Style is Roadmap	14
10.5. Example Source	16
10.6. JSON Schema	18
11. Timeline Builder	18
12. Roadmap Planning	19
13. Buttons	20

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://www.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"
  }
}
```



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"
      ]
    }
  ]
}
```

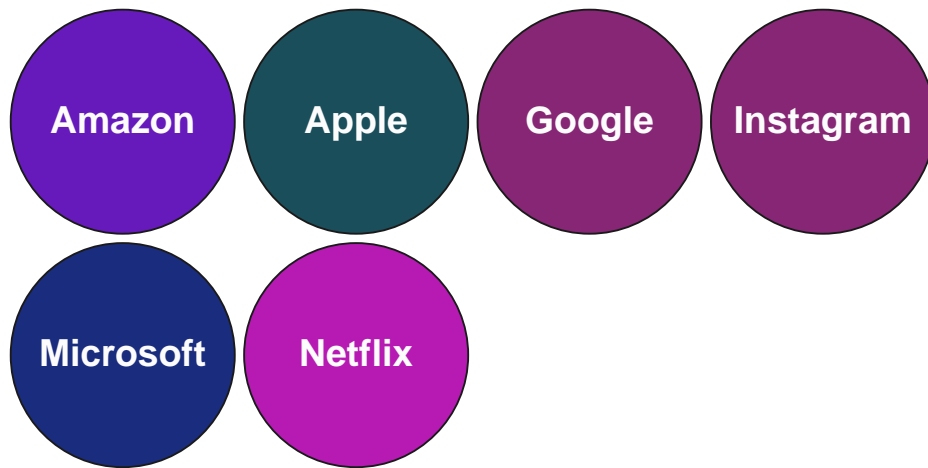
```

    },
    {
      "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	<i>optional</i> , default: 3, max recommended 6
	groupBy	default Grouping.TITLE, others → .Grouping.TYPE, Grouping.AUTHOR, Grouping.DATE
	groupOrder	<i>optional</i> default Grouping.ASCENDING, others → Grouping.DECENDING
		<pre>theme { layout { columns = 4 groupBy = Grouping.TITLE groupOrder = GroupingOrder.ASCENDING } }</pre>
colorMap	color	<i>optional</i>

Item	Attribute	Value
		<pre> 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") } </pre>
legendOn	legend	boolean, <i>default true</i>
newWin		boolean, <i>default true</i>
dropShadow		number 0..9, <i>default 1</i>
font		set of font to use <pre> font = font { color = "#000000" font = "Arial, Helvetica, sans-serif" size = "9pt" decoration = "underline" } </pre>

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"
}
}
-----

```



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



6. Slim Buttons

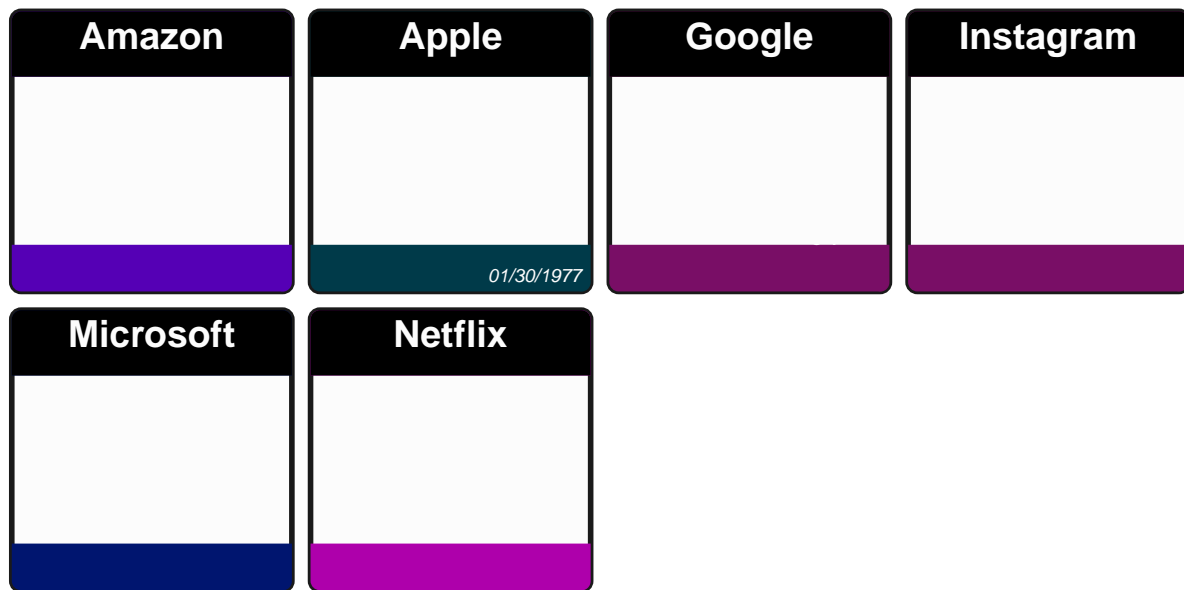


Table 2. Slim Cards Guide

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	Color for label, e.g. #ff0000	Color for message, e.g. #ffccb9	SimpleIcon name, eg <C>	Color of the font

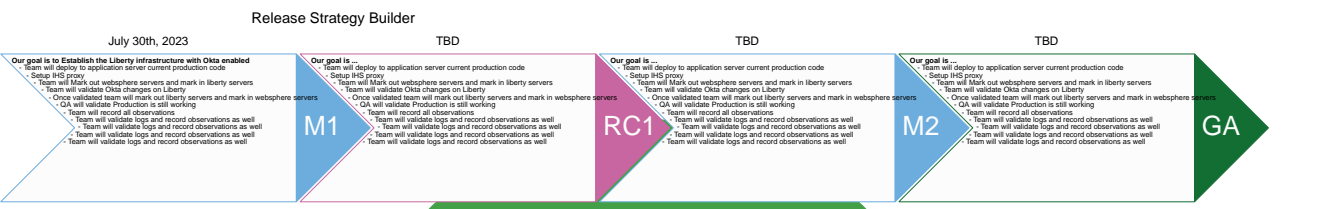


9. ButtonPanel at 66% width



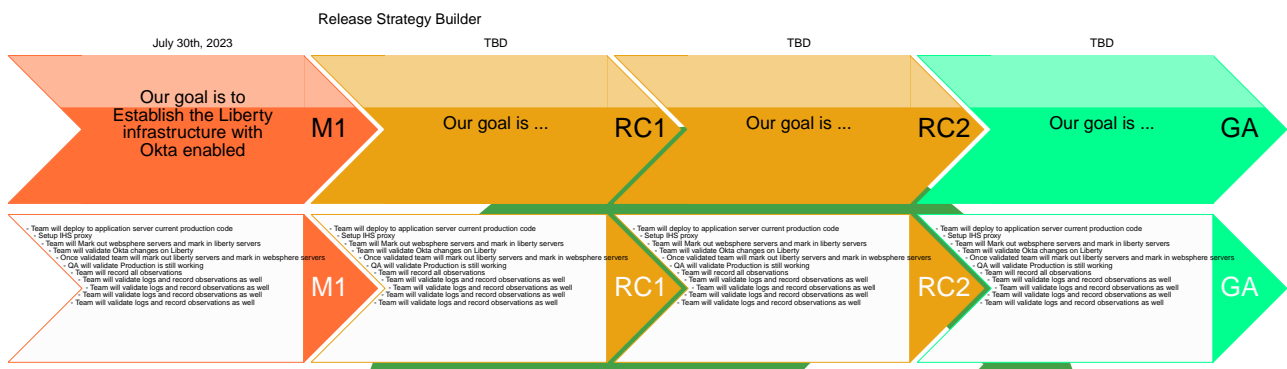
10. Building Out a Release Strategy

10.1. Style is timeline



Excel

10.2. Style is timeline summarized



Excel

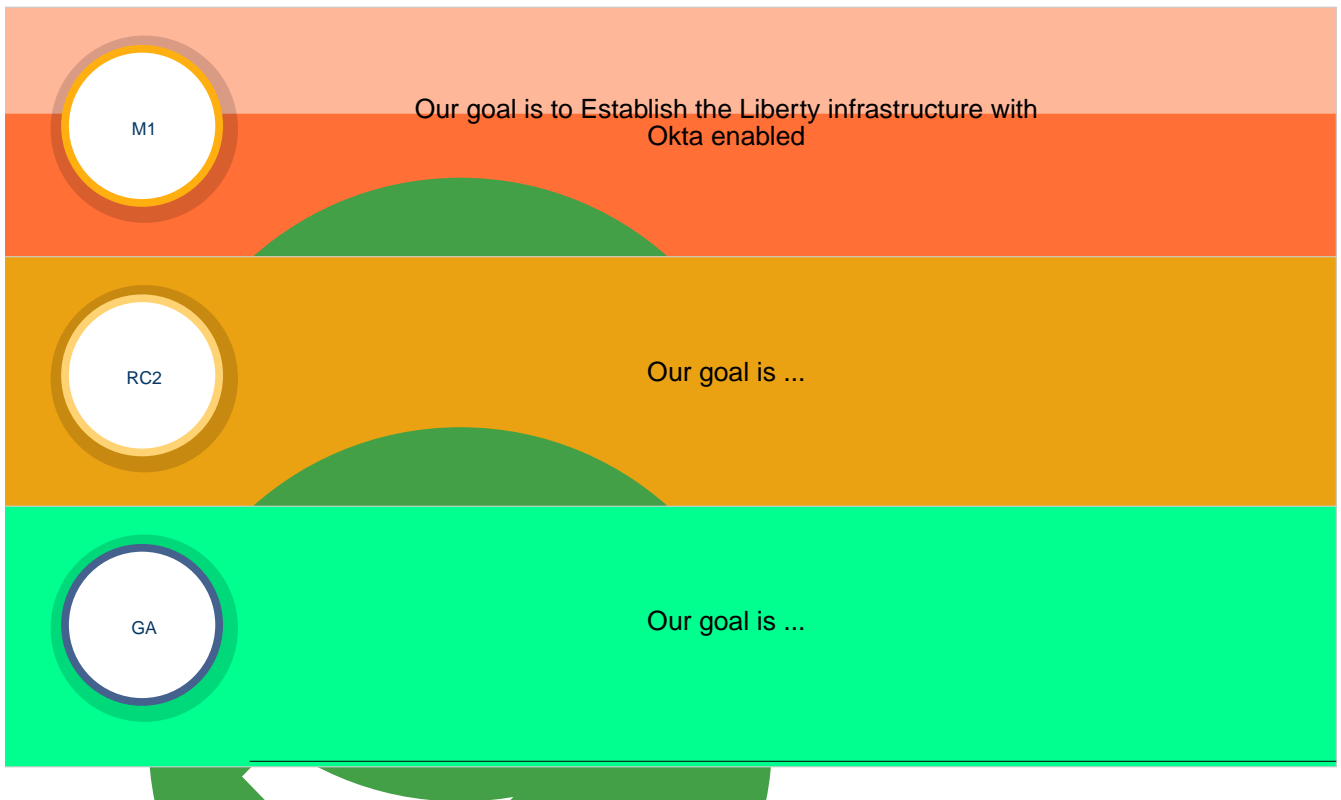
10.3. Style is timeline grouped

[?payload=H4sIAAAAAAAAA 1WTW bMAy991cQ7jUIInGTNPm5pGncbWmRdcht2UGTGFqJlHkQ3M4r 90nyR7Iu3bDt1CE GJTI90hKfIAezgAiEiQxegfRZ5TILMKCDCPMKrgshUzRRD0fZjkLYXH IqxNHW3d1he3BngIf09YFYHvdhCQYU8KdRAatpbItrATUkKKhdQVkaZWFFJwRkIrsGju0QAvjUFFUB idljx4uE6xo3ZMC6SgA vFz7oW3Xo2ie5ZWYDuiTY4coWORpsMlhgKoWtdwsFUqzQUNX6jnPdMylSd0Yw3xADnjOVVoQVX2U2 NPkTNFccOkAJ1JNu2oCcpfyjnp2IPqe8mT8r5tD8jYcGSd 602QiVHW EINcmBeZMvfiZwtH rmups7rKBn4IBWZd0VL PxQNw9dulj3Uz fHULYwiinvwTAejvbDbp00uLtsF0SmxG4 00x64Lw04G1 SW7oZ5bYSgqbA XYjpC7 LVh1uE5le76d4LyetxQuWhHHlgfe89ob3jS3kl7L57iWe0tL6 Tm 9fv XyrmenJRzUs6Lp g35XC9LST saTOmoSRpap Uy5vruvnYypsIVk11WotMuepdecSSW2CxCA6T5JxMhpHPWfOJpPhYBTMeJAkb Oo6SRaa0VTj L053H4moYiLgyXOO0426od8yQZxiEuSa5Gr2vmVxfjwZtZXXtLz5k5gm THDVR Jnv E7FcgmulILAAA=&type=PDF&animate=ON&numchars=32&useDark=false&filename=def] | http://localhost:8010/extension/api/release/?payload=H4sIAAAAAAAAA - 1WTW_bMAy991cQ7jUIInGTNPm5pGncbWmRdcht2UGTGFqJlHkQ3M4r-90nyR7Iu3bDt1CE- GJTI90hKfIAezgAiEiQxegfRZ5TILMKCDCPMKrgshUzRRD0fZjkLYXH_IqxNHW3d1he3BngIf09YFYHv dhCQYU8KdRAatpbItrATUkKKhdQVkaZWFFJwRkIrsGju0QAvjUFFUBidljx4uE6xo3ZMC6SgA_vFz7o W3Xo2ie5ZWYDuiTY4coWORpsMlhgKoWtdwsFUqzQUNX6jnPdMylSd0Yw3xADnjOVVoQVX2U2NPKT NFccOkAJ1JNu2oCcpfyjnp2IPqe8mT8r5tD8jYcGSd- 602QiVHW_EINcmBeZMvfiZwtH_rmups7rKBn4IBWZd0VL- PxQNw9dulj3Uz_fHULYwiinvwTAejvbDbp00uLtsF0SmxG4_00x64Lw04G1_SW7oZ5bYSgqbA- XYjpC7_LVh1uE5le76d4LyetxQuWhHHlgfe89ob3jS3kl7L57iWe0tL6_- Tm_9fv_XyrmenJRzUs6Lp_g35XC9LST-saTOmoSRpap- Uy5vruvnYypsIVk11WotMuepdecSSW2CxCA6T5JxMhpHPWfOJpPhYBTMeJAkb- Oo6SRaa0VTj_L053H4moYiLgyXOO0426od8yQZxiEuSa5Gr2vmVxfjwZtZXXtLz5k5gm_THDVR_Jnv_E 7FcgmulILAAA=&type=PDF&animate=ON&numchars=32&useDark=false&filename=def.svg

Excel

10.4. Style is Roadmap

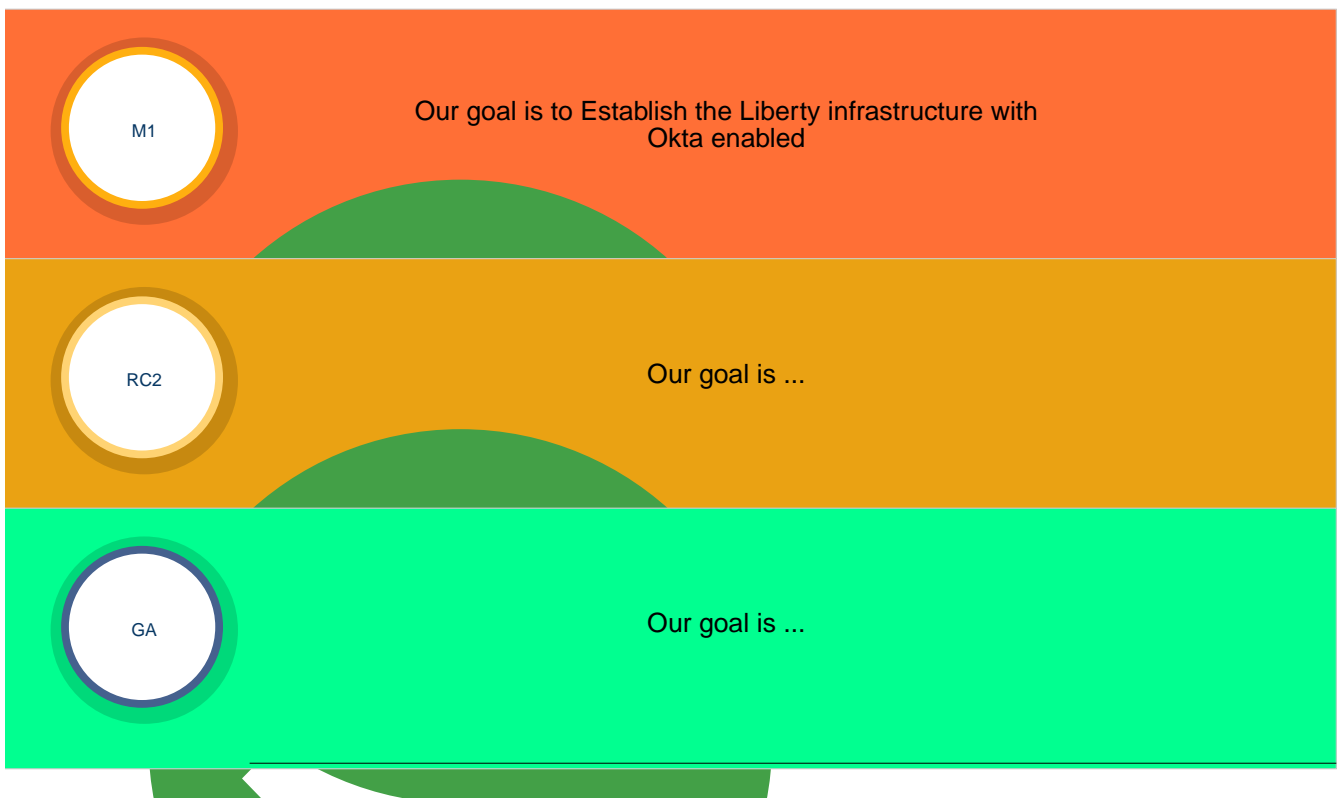
Release Strategy Builder



Excel

10.4.1. Roadmap with Animation off

Release Strategy Builder



Excel

10.5. Example Source

```
[release,scale=0.7]
----
{
  "title": "Release Strategy Builder",
  "scale": 0.5,
  "releases": [
    {
      "type": "M1",
      "lines": [
        "Team will deploy to application server current production code",
        "Setup IHS proxy",
        "Team will Mark out websphere servers and mark in liberty servers",
        "Team will validate Okta changes on Liberty",
        "Once validated team will mark out liberty servers and mark in websphere
servers",
        "QA will validate Production is still working",
        "Team will record all observations",
        "Team will validate logs and record observations as well",
        "Team will validate logs and record observations as well",
        "Team will validate logs and record observations as well",
        "Team will validate logs and record observations as well"
      ],
      "date": "July 30th, 2023",
      "selected": true,
      "completed": true,
      "goal": "Our goal is to Establish the Liberty infrastructure with Okta enabled"
    },
    {
      "type": "RC1",
      "lines": [
        "Team will deploy to application server current production code",
        "Setup IHS proxy",
        "Team will Mark out websphere servers and mark in liberty servers",
        "Team will validate Okta changes on Liberty",
        "Once validated team will mark out liberty servers and mark in websphere
servers",
        "QA will validate Production is still working",
        "Team will record all observations",
        "Team will validate logs and record observations as well",
        "Team will validate logs and record observations as well",
        "Team will validate logs and record observations as well",
        "Team will validate logs and record observations as well"
      ],
      "date": "TBD",
      "selected": true,
      "goal": "Our goal is ..."
    },
    {

```

```

    "type": "M2",
    "lines": [
      "Team will deploy to application server current production code",
      "Setup IHS proxy",
      "Team will Mark out websphere servers and mark in liberty servers",
      "Team will validate Okta changes on Liberty",
      "Once validated team will mark out liberty servers and mark in websphere
servers",
      "QA will validate Production is still working",
      "Team will record all observations",
      "Team will validate logs and record observations as well",
      "Team will validate logs and record observations as well",
      "Team will validate logs and record observations as well",
      "Team will validate logs and record observations as well"
    ],
    "date": "TBD",
    "selected": true,
    "goal": "Our goal is ..."
  },
  {
    "type": "GA",
    "lines": [
      "Team will deploy to application server current production code",
      "Setup IHS proxy",
      "Team will Mark out websphere servers and mark in liberty servers",
      "Team will validate Okta changes on Liberty",
      "Once validated team will mark out liberty servers and mark in websphere
servers",
      "QA will validate Production is still working",
      "Team will record all observations",
      "Team will validate logs and record observations as well",
      "Team will validate logs and record observations as well",
      "Team will validate logs and record observations as well",
      "Team will validate logs and record observations as well"
    ],
    "date": "TBD",
    "selected": true,
    "goal": "Our goal is ..."
  }
],
"style": "TL",
"displayConfig": {
  "colors": [ "#FF6F36", "#EAA213", "#01FF90"],
  "fontColor": "#000000",
  "circleColors": [
    "#FFAF10", "#FFD373", "#45618E"
  ],
  "carColors": [
    "#000000", "#000000", "#000000"
  ]
}
}

```

```
}  
----
```

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*

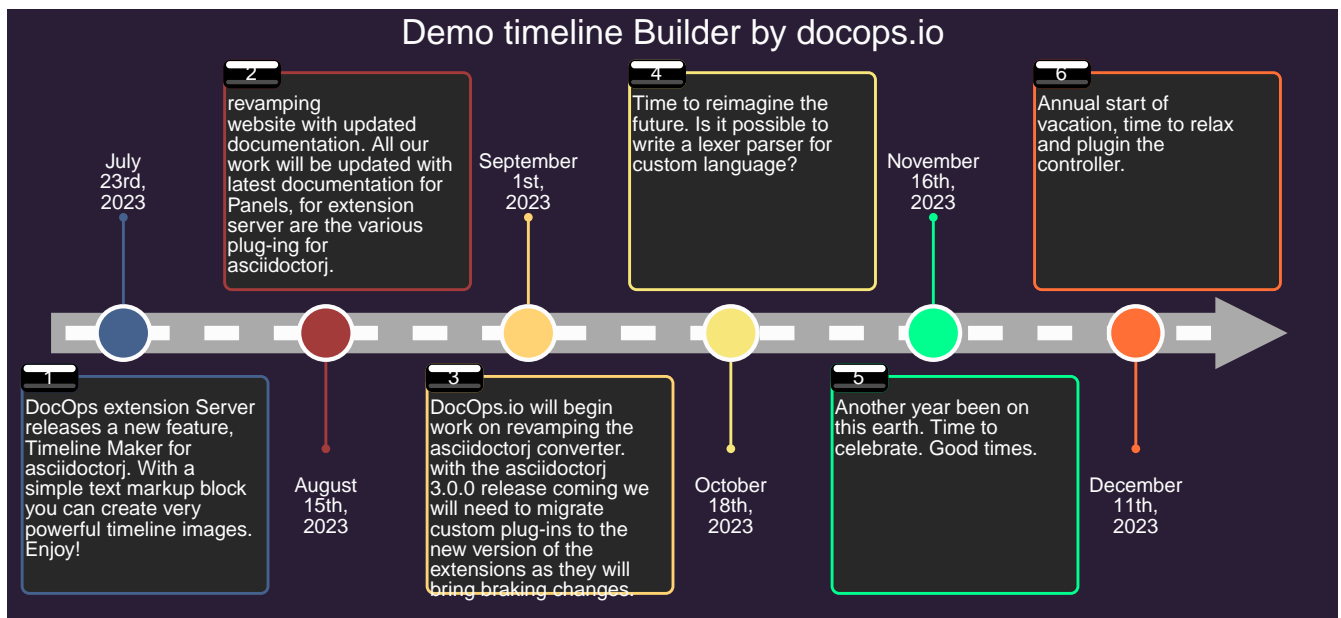
Each entry inside the macro consists of an array delimiter (-), a date: key and a text: key Similar to the example below. Repeat those three elements as needed.



In addition, the text value can contain http links, but the format needs to be `[[https://website display]]`

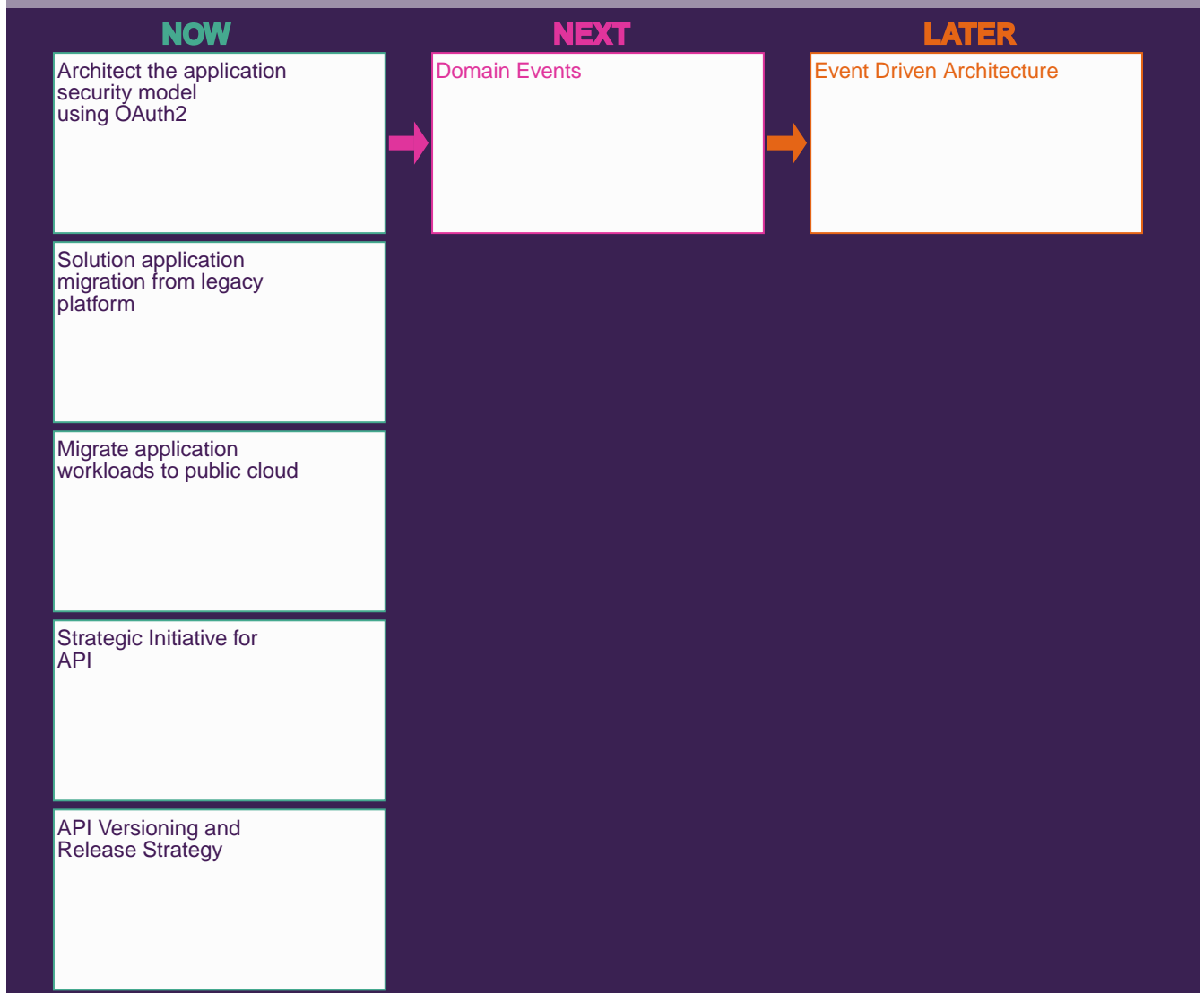
- First part is the url and second part is the display link label.

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



12. Roadmap Planning

Roadmap Title Here



13. Buttons

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



Cookies & Cream

