DocOps.io AsciiDoctorJ Panels

Steve D Roach

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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.
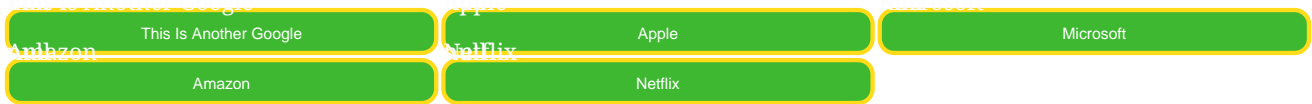
2.1. First Example

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

```
 1 [panels,"buttons",width="80%"]
 2 ----
 3 panels {
 4     theme {
 5         colorMap {
 6                 color("#a1f196")
 7                 color("#165578")
 8                 color("#7d746c")
 9                 color("#2442d1")
10                 color("#c0adef")
11                 color("#4d2666")
12                 color("#fbb103")
13                 color("#1eb3f1")
14                 color("#4f49eb")
15                 color("#f3b304")
16                 color("#e693ce")
17                 color("#a6b23b")
18                 color("#ad217f")
19                 color("#2fb6ee")
20                 color("#81392e")
21                 color("#071e9b")
22                 color("#675b01")
23                 color("#ed6b19")
24                 color("#a02cae")
25                 color("#88683f")
26             }
27     }
28     panel {
29         link = "https://www.google.com"
30         label = "Google"
31     }
32     panel {
33         link = "https://www.apple.com"
34         label = "Apple"
35     }
36     panel {
37         link = "https://www.microsoft.com"
38         label = "Microsoft"
39     }
40     panel {
41         link = "https://www.amazon.com"
42         label = "Amazon"
43     }
44     panel {
45         link = "https://www.netflix.com"
46         label = "Netflix"
47     }
48 }
```
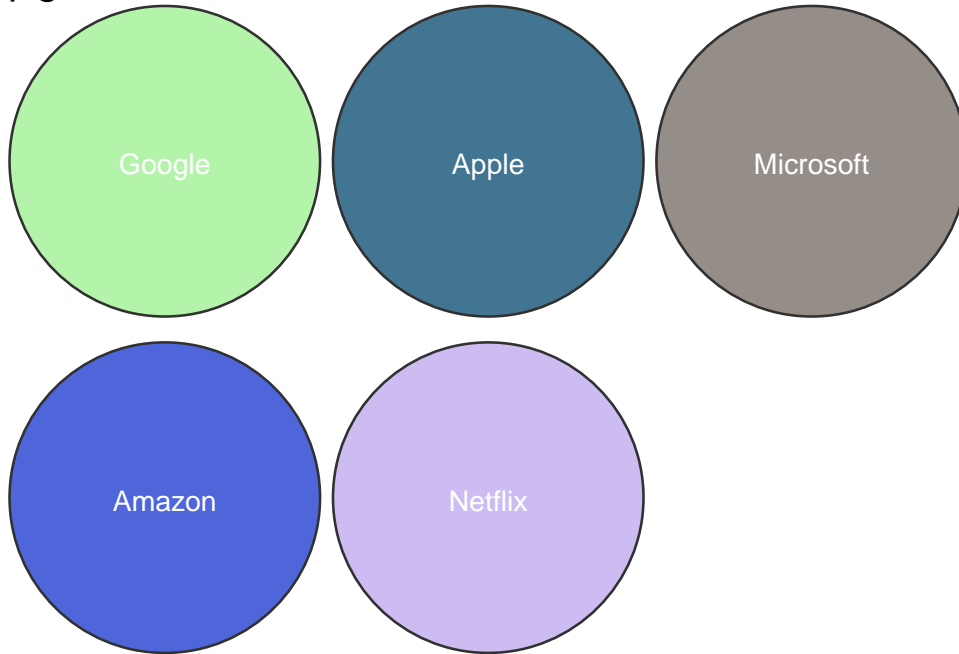
| This Is Another Google | Apple | Microsoft |
| Amazon | Netflix | |

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]
----
panels{
    theme {
        colorMap{
            color("#ff6385")
            color("#36a3eb")
            color("#9966ff")
            color("#ffcf56")
            color("#4bc0c0")
            color("#FDCBF1")
        }
    }
    round {
        link = "https://www.google.com"
        label = "Google"
    }
    round {
        link = "https://www.apple.com"
        label = "Apple"
    }
    round {
        link = "https://www.microsoft.com"
        label = "Microsoft"
    }
    round {
        link = "https://www.amazon.com"
        label = "Amazon"
    }
    round {
        link = "https://www.netflix.com"
        label = "Netflix"
    }
}
----
```

4. Theming

TIP 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.

```
1 [panels,"round2"]
2 ----
3 panels {
4     theme {
```

```
 5          layout {
 6              columns = 4
 7              groupBy = Grouping.TITLE
 8              groupOrder = GroupingOrder.ASCENDING
 9          }
10          font = font {
11              color = "#ffffff"
12          }
13          dropShadow = 2
14          colorMap{
15              color("#ff6385")
16              color("#36a3eb")
17              color("#9966ff")
18              color("#ffcf56")
19              color("#4bc0c0")
20              color("#FDCBF1")
21          }
22          newWin = false
23      }
24      panel {
25          link = "https://www.google.com"
26          label = "Google"
27      }
28      panel {
29          link = "https://www.apple.com"
30          label = "Apple"
31      }
32      panel {
33          link = "https://www.microsoft.com"
34          label = "Microsoft"
35      }
36      panel {
37          link = "https://www.amazon.com"
38          label = "Amazon"
39      }
40      panel {
41          link = "https://www.netflix.com"
42          label = "Netflix"
43      }
44 }
45 ----
```

| Amazon | Apple | Google | Microsoft |
| Netflix | | | |

5. Small Panels

More informational panels can be created with small cards

```
 1 panels {
```

```
2    theme {
3        layout {
4            columns=4
5            groupOrder = GroupingOrder.ASCENDING
6        }
7        font = font {
8            color = "#000000"
9        }
10        colorMap{
11            color("#ebb3d1")
12        }
13        legendOn = false
14        gradientStyle = DarkTheme
15    }
16    slim {
17        link = "https://www.google.com"
18        label = "Google"
19        type = "Advertising"
20        description = "Google is is an American multinational technology company
   that specializes in Internet-related services and products "
21        author("Sergey Brin")
22        author("Larry Page")
23        date ="07/30/1998"
24    }
25    slim {
26        link = "https://www.apple.com"
27        label = "Apple"
28        type = "Personal Devices"
29        description = "Apple Inc. is an American multinational technology company
   that specializes in consumer electronics, computer software and online services. "
30        author("Steve Jobs")
31        author("Steve Wozniak")
32        date ="01/30/1977"
33    }
34    slim {
35        link = "https://www.microsoft.com"
36        label = "Microsoft"
37        type = "Software"
38        description = "Microsoft Corporation is an American multinational
   technology corporation which produces computer software, consumer electronics,
   personal computers, and related services."
39        author("Bill Gates")
40    }
41    slim {
42        link = "https://www.amazon.com"
43        label = "Amazon"
44        type = "Super Store"
45        description = "Amazon.com, Inc. is an American multinational technology
   company which focuses on e-commerce, cloud computing, digital streaming, and
   artificial intelligence"
46        author("Jeff Bezos")
```

```
47         }
48     slim {
49         link = "https://www.netflix.com"
50         label = "Netflix"
51         type = "Movie Theater"
52         description = "Netflix, Inc. is an American subscription streaming service
    and production company."
53         author("Reed")
54         author("Marc")
55     }
56     slim {
57         link = "https://www.facebook.com"
58         label = "Facebook"
59         type = "Social Butterfly"
60         description = "Facebook is an American online social media and social
    networking service owned by Meta Platforms."
61         author("Mark Zukerberg")
62     }
63     slim {
64         link = "https://www.instagram.com"
65         label = "Instagram"
66         type = "Beach"
67         description = "Instagram is an American photo and video sharing social
    networking service. "
68         author("Kevin")
69         author("Mike")
70     }
71     slim {
72         link = "#[link-server]#[app]"
73         label = "DocOps.io"
74         type = "Documentation"
75         description = "Sharing documentation experience for developers to extend
    with AsciiDoctor"
76         author("Steve Roach")
77         author("Ian Rose")
78     }
79 }
```

Google	Apple	Microsoft	Amazon
Google Google is is an American multinational technology company that specializes in Internet-related services *Advertising* Sergey Brin Larry Page 07/30/1998	**Apple** Apple Inc. is an American multinational technology company that specializes in consumer electronics, *Personal Devices* Steve Jobs Steve Wozniak 01/30/1977	**Microsoft** Microsoft Corporation is an American multinational technology corporation which produces computer *Software* Bill Gates	**Amazon** Amazon.com, Inc. is an American multinational technology company which focuses on e-commerce, cloud *Super Store* Jeff Bezos
Netflix Netflix, Inc. is an American subscription streaming service and production company. *Movie Theater* Reed Marc	**Facebook** Facebook is an American online social media and social networking service owned by Meta Platforms. *Social Butterfly* Mark Zukerberg	**Instagram** Instagram is an American photo and video sharing social networking service. *Beach* Kevin Mike	**DocOps** Sharing documentation experience for developers to extend with AsciiDoctor *Documentation* Steve Roach Ian Rose

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

6. Large Panels

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

```
1 [panels,"large"]
2 ----
3 panels {
4 theme {
5       layout {
6           columns = 3
7       }
8       font {
9           color = "#000000"
10          bold = true
11      }
12      colorMap{
13          color("#ff6385")
14          color("#36a3eb")
15          color("#9966ff")
```

```
16              color("#ffcf56")
17              color("#4bc0c0")
18              color("#FDCBF1")
19              color("#A6C1EE")
20          }
21      }
22      large {
23          link = "https://www.google.com"
24          label = "Google"
25          type = "Search"
26          description = "Google is is an American multinational technology company
    that specializes in Internet-related services and products "
27          date ="07/30/1998"
28      }
29      large {
30          link = "https://www.apple.com"
31          label = "Apple"
32          type = "Personal Devices"
33          description = "Apple Inc. is an American multinational technology company
    that specializes in consumer electronics, computer software and online services. "
34          date ="01/30/1977"
35      }
36      large {
37          link = "https://www.microsoft.com"
38          label = "Microsoft"
39          type = "Software"
40          description = "Microsoft Corporation is an American multinational
    technology corporation which produces computer software, consumer electronics,
    personal computers, and related services."
41      }
42      large {
43          link = "https://www.amazon.com"
44          label = "Amazon"
45          type = "Super Store"
46          description = "Amazon.com, Inc. is an American multinational technology
    company which focuses on e-commerce, cloud computing, digital streaming, and
    artificial intelligence"
47      }
48      large {
49          link = "https://www.netflix.com"
50          label = "Netflix"
51          type = "Movie Theater"
52          description = "Netflix, Inc. is an American subscription streaming service
    and production company."
53      }
54      large {
55          link = "https://www.facebook.com"
56          label = "Facebook"
57          type = "Social Butterfly"
58          description = "Facebook is an American online social media and social
    networking service owned by Meta Platforms."
```

```
59        }
60     large {
61         link = "https://www.instagram.com"
62         label = "Instagram"
63         type = "Beach"
64         description = "Instagram is an American photo and video sharing social
   networking service founded by Kevin Systrom and Mike Krieger. "
65        }
66 }
67 ----
```

Google

Google
Search
Google is is an American multinational technology company that specializes in Internet-related services and products 07/30/1998

Apple

Apple
Personal Devices
Apple Inc. is an American multinational technology company that specializes in consumer electronics, computer software and online services. 01/30/1977

Microsoft

Microsoft
Software
Microsoft Corporation is an American multinational technology corporation which produces computer software, consumer electronics, personal computers, and related services.

Amazon

Amazon
Super Store
Amazon.com, Inc. is an American multinational technology company which focuses on e-commerce, cloud computing, digital streaming, and artificial intelligence

Netflix

Netflix
Movie Theater
Netflix, Inc. is an American subscription streaming service and production company.

Meta

Facebook
Social Butterfly
Facebook is an American online social media and social networking service owned by Meta Platforms.

Instagram

Instagram
Beach
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

Item	Attribute	Notes
	date	date to display content attributed to link

7. Badges/Shield

7.1. 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	**TIP** 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

8. ButtonPanel at 66% width

9. Building Out a Release Strategy

9.1. Style is timeline

Excel

9.2. Style is timeline grouped

Release Strategy Builder

July 30th, 2023

Our goal is to Establish the Liberty infrastructure with Okta enabled
- 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 s
- 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

M1

TBD

Our goal is ...
- 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 s
- 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

RC1

TBD

Our goal is ...
- 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 s
- 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

GA

Excel

9.3. Style is Roads

Release Strategy Builder

* 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

* 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

* 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

Excel

9.4. Example Source

```
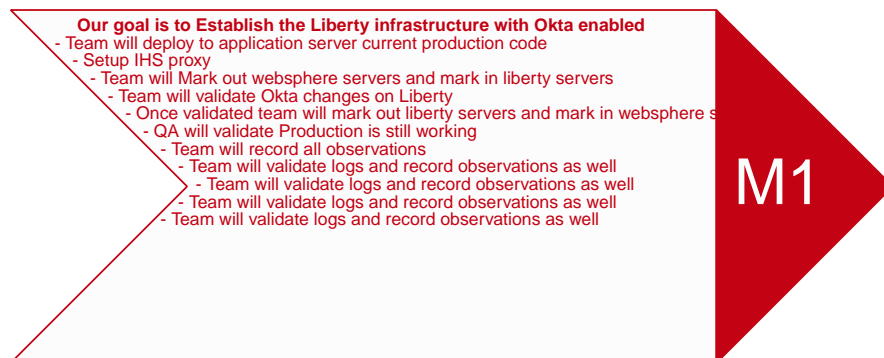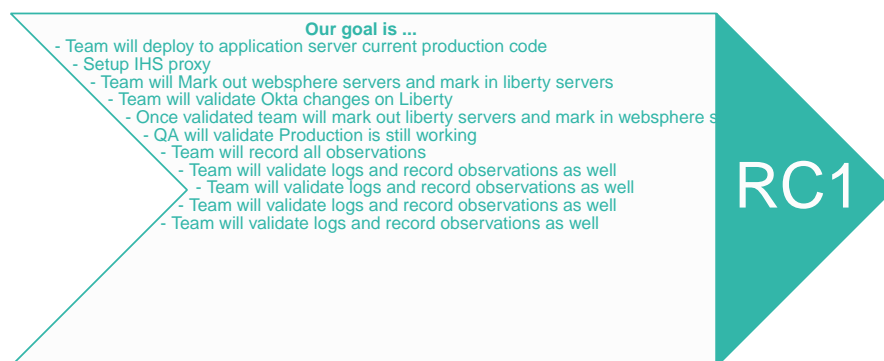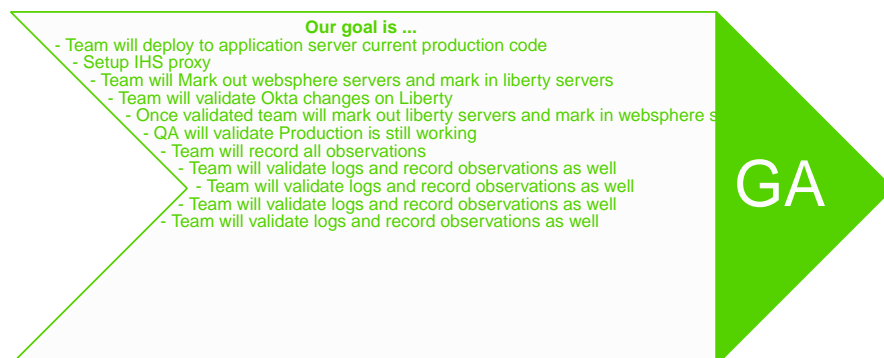[release,width="70%"]
----
{
  "title": "Release Strategy Builder",
  "scale": 0.9,
  "releases": [
    {
      "type": "M1",
      "lines": [
        "Team will deploy to application server current production code",
        "Setup IHS proxy",
        "Team will Mark out websphere servers and mark in 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,
      "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": "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": "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"
}
----
```

9.5. JSON Schema

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

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

10. Timeline Builder

Table 5. Demo timeline Builder by docops.io

Date	Event
July 23rd, 2023	DocOps extension Server releases a new feature, Timeline Maker for asciidoctorj. With a simple text markup block you can create very powerful timeline images. Enjoy!
August 15th, 2023	DocOps.io revamping website with updated documentation. All our work will be updated with latest documentation for Panels, for extension server are the various plug-ing for asciidoctorj.
September 1st, 2023	DocOps.io will begin work on revamping the asciidoctorj converter. with the asciidoctorj 3.0.0 release coming we will need to migrate custom plug-ins to the new version of the extensions as they will bring braking changes.
October 18th, 2023	Time to reimagine the future. Is it possible to write a lexer parser for custom language?
November 16th, 2023	Another year been on this earth. Time to celebrate. Good times.
December 11th, 2023	Annual start of vacation, time to relax and plugin the controller.