DocOps.io AsciiDoctorJ Panels

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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
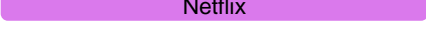
```
1 panels {
2     panel{
3         link = "http://wwww.google.com"
4         label = "Google Search"
5     }
6 }
```

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

```
 1 [panels,"buttons",width="80%"]
 2 ----
 3 panels {
 4     panel {
 5         link = "https://www.google.com"
 6         label = "Google"
 7     }
 8     panel {
 9         link = "https://www.apple.com"
10         label = "Apple"
11     }
12     panel {
13         link = "https://www.microsoft.com"
14         label = "Microsoft"
15     }
16     panel {
17         link = "https://www.amazon.com"
18         label = "Amazon"
19     }
20     panel {
21         link = "https://www.netflix.com"
22         label = "Netflix"
23     }
24 }
25 ----
```


Table 1. Panel Links

	Label	Link
This Is Another Google	This Is Another Google	This Is Another Google
Apple	Apple	Apple
Microsoft	Microsoft	Microsoft
Amazon	Amazon	Amazon
Netflix	Netflix	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"
    }
}
----
```
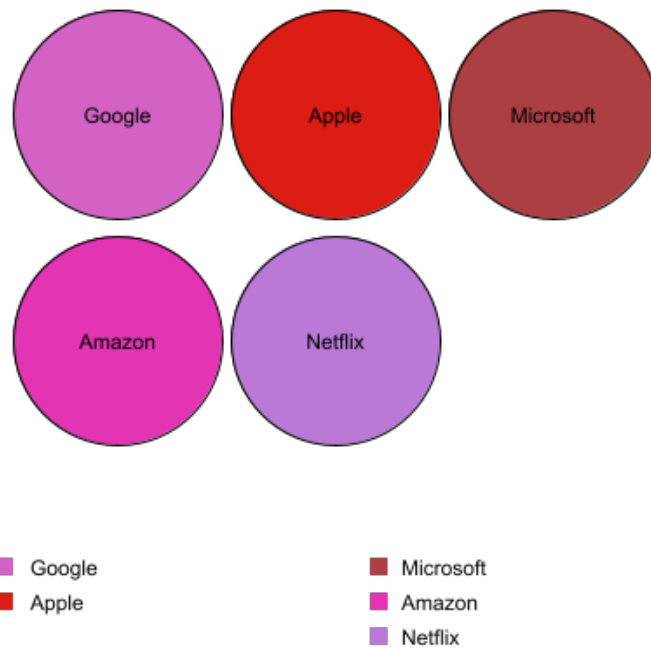
Table 2. Panel Links

	Label	Link
Google	Google	Google
Apple	Apple	Apple
Microsoft	Microsoft	Microsoft
Amazon	Amazon	Amazon
Netflix	Netflix	Netflix

4. Theming

TIP New Attributes added, dropShadow & font

Table 3. 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

Item	Attribute	Value

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

colorMap	color	*optional*

		``
		colorMap{
		    color("#ff6385")
		    color("#36a3eb")
		    color("#9966ff")
		    color("#ffcf56")
		    color("#4bc0c0")
		    color("#FDCBF1")
		}
		``

legendOn	legend	boolean, *default true*
newWin		boolean, *default true*
dropShadow		number 0..9, *default 1*

font		set of font to use
		
		``
		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 ----
```
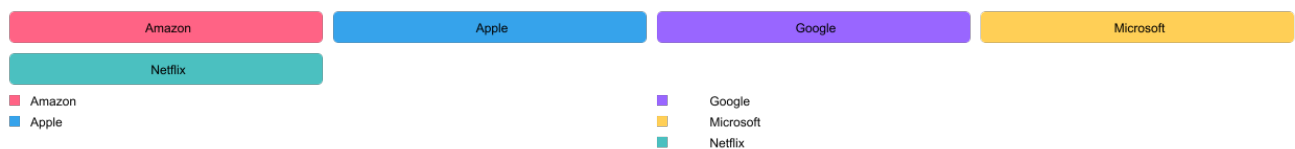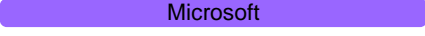
Table 4. Panel Links

	Label	Link
Google	Google	Google
Apple	Apple	Apple
Microsoft	Microsoft	Microsoft

	Label	Link
Amazon	Amazon	Amazon
Netflix	Netflix	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 }
```

Table 5. Panel Links

	Label	Link
Google	Google	Google
Apple	Apple	Apple
Microsoft	Microsoft	Microsoft
Amazon	Amazon	Amazon
Netflix	Netflix	Netflix
Facebook	Facebook	Facebook
Instagram	Instagram	Instagram
DocOps	DocOps	DocOps

Table 6. 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 ----
```
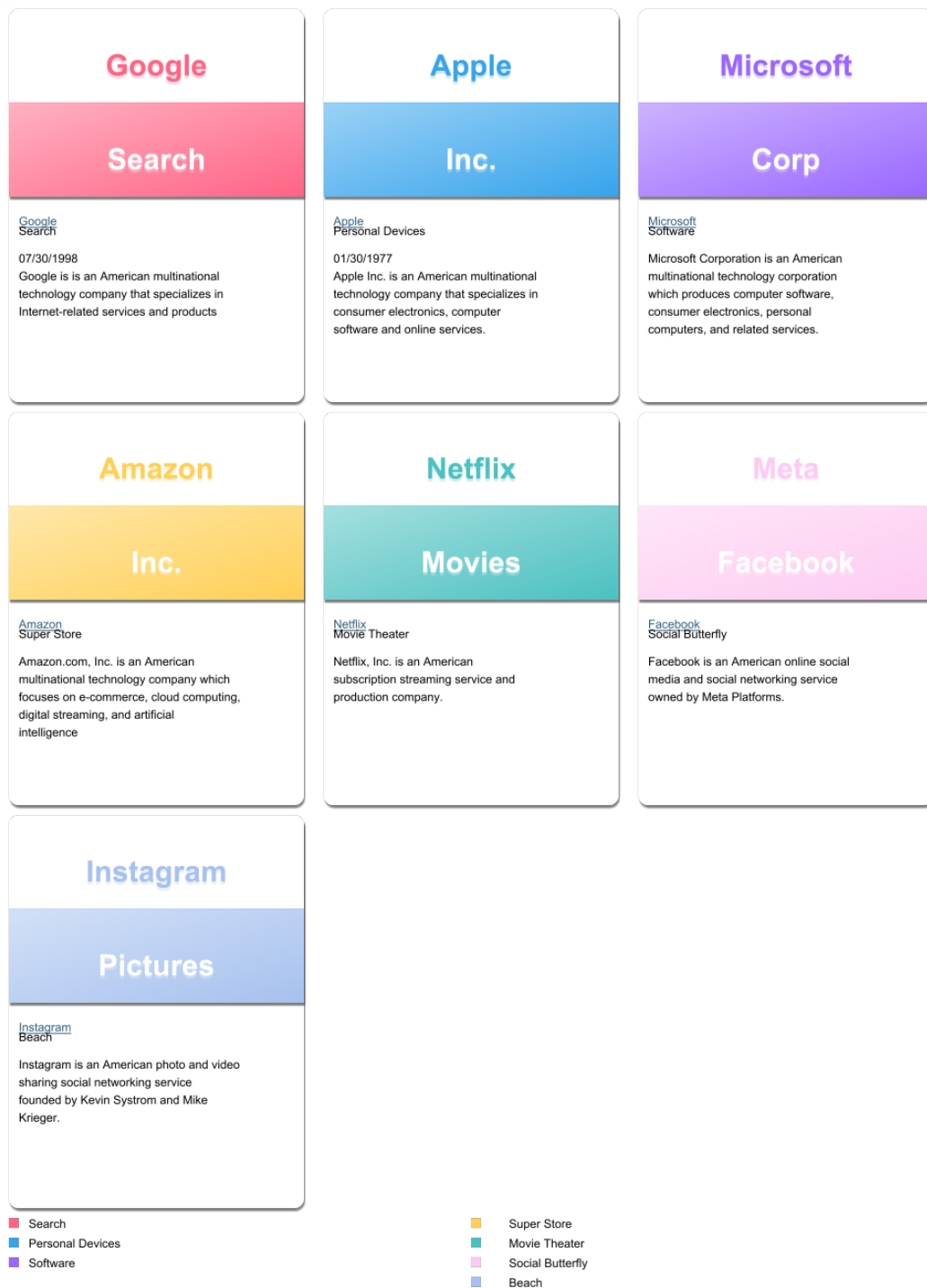
Google

Search

Google
Search

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

Apple

Inc.

Apple
Personal Devices

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

Microsoft

Corp

Microsoft
Software

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

Amazon

Inc.

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

Movies

Netflix
Movie Theater

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

Meta

Facebook

Facebook
Social Butterfly

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

Instagram

Pictures

Instagram
Beach

Instagram is an American photo and video
sharing social networking service
founded by Kevin Systrom and Mike
Krieger.

- ■ Search
- ■ Personal Devices
- ■ Software
- ■ Super Store
- ■ Movie Theater
- ■ Social Butterfly
- ■ Beach

Table 7. Panel Links

	Label	Link
Google	Google	[Google](#)
Apple	Apple	[Apple](#)
Microsoft	Microsoft	[Microsoft](#)
Amazon	Amazon	[Amazon](#)
Netflix	Netflix	[Netflix](#)
Facebook	Facebook	[Facebook](#)

	Label	Link
Instagram	Instagram	Instagram

Table 8. 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

7. Badges/Shield

7.1. Syntax

```
[badge]
----
Badges|Are|https://www.google.com|RED|Blue|
Cool|Aren't They?|https://www.yahoo.com|BLUE|ORANGE|C
----
```

Table 9. Pipe Delimited Values

Label	Message	Url		Label Color	Message Color	Icon
Label for the Badge	Message For Badge	Optional Url	**TIP** Still needs pipe character with empty url	Color for label, e.g. Red	Color for message, e.g. #ffccb9	SimpleIcon name, eg C

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