# State management - Analysis

November 15, 2020

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In [1]: import pandas as pd

In [2]: results = pd.read_csv('state_management.csv')

        openHAB = results[results.Platform.isin(['openHAB'])]
        hass = results[results.Platform.isin(['Hass'])]
        elixir = results[results.Platform.isin(['Elixir'])]
        sparrow = results[results.Platform.isin(['Sparrow'])]

In [3]: openHAB.LoC.describe()

Out[3]: count     7.000000
        mean      4.142857
        std       4.259443
        min       0.000000
        25%       1.000000
        50%       3.000000
        75%       6.500000
        max      11.000000
        Name: LoC, dtype: float64

In [4]: hass.LoC.describe()

Out[4]: count     7.000000
        mean      4.285714
        std       3.946065
        min       1.000000
        25%       2.000000
        50%       2.000000
        75%       6.500000
        max      10.000000
        Name: LoC, dtype: float64

In [5]: elixir.LoC.describe()

Out[5]: count     7.000000
        mean      7.857143
        std       2.410295
```

```
min       5.000000
25%       6.000000
50%       7.000000
75%      10.000000
max      11.000000
Name: LoC, dtype: float64
```

```
In [6]: sparrow.LoC.describe()
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```
Out[6]: count    7.0
        mean     0.0
        std      0.0
        min      0.0
        25%      0.0
        50%      0.0
        75%      0.0
        max      0.0
        Name: LoC, dtype: float64
```