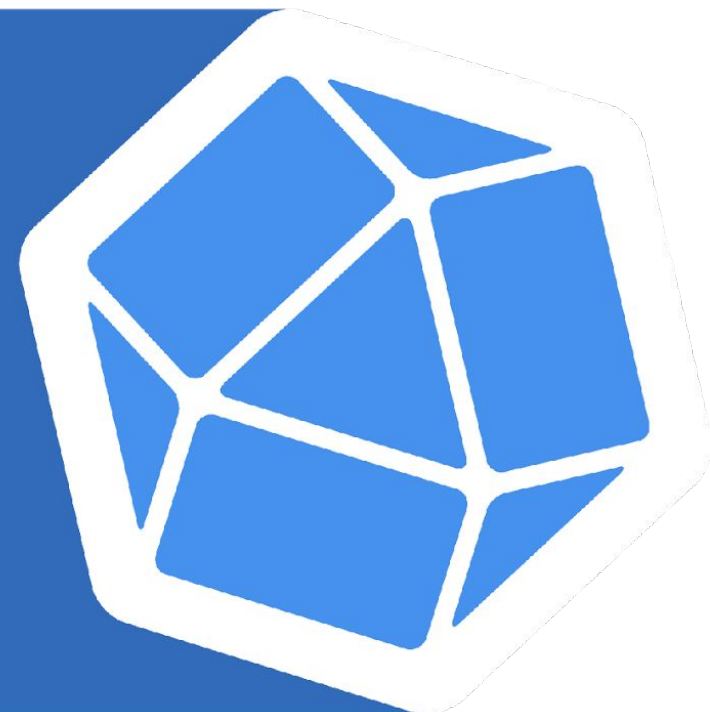


# Kapacitor

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# Overview

- Introduction to Kapacitor
- Installation Process
- Explore some use cases

# Introduction to Kapacitor

Take action on your data

Runs as separate process

# Installation

# Installation Steps

```
$ wget https://dl.influxdata.com/kapacitor/releases/kapacitor_1.4.0_amd64.deb  
$ sudo dpkg -i kapacitor_1.4.0_amd64.deb  
$ kapacitord
```

```
$ kapacitor define mytask -tick path/to/script.tick
```

[https://docs.influxdata.com/kapacitor/latest/introduction/getting\\_started/](https://docs.influxdata.com/kapacitor/latest/introduction/getting_started/)

# Use Cases

# Use Cases

- Preprocess ETL
- Postprocess ETL
- Alert on Relative Change
- Hot Cache
- Autoscale Services
- Forecast Time Series

Follow along with TICKscript using:  
<https://github.com/nathanielc/influxdaysnyc>

# Preprocess ETL

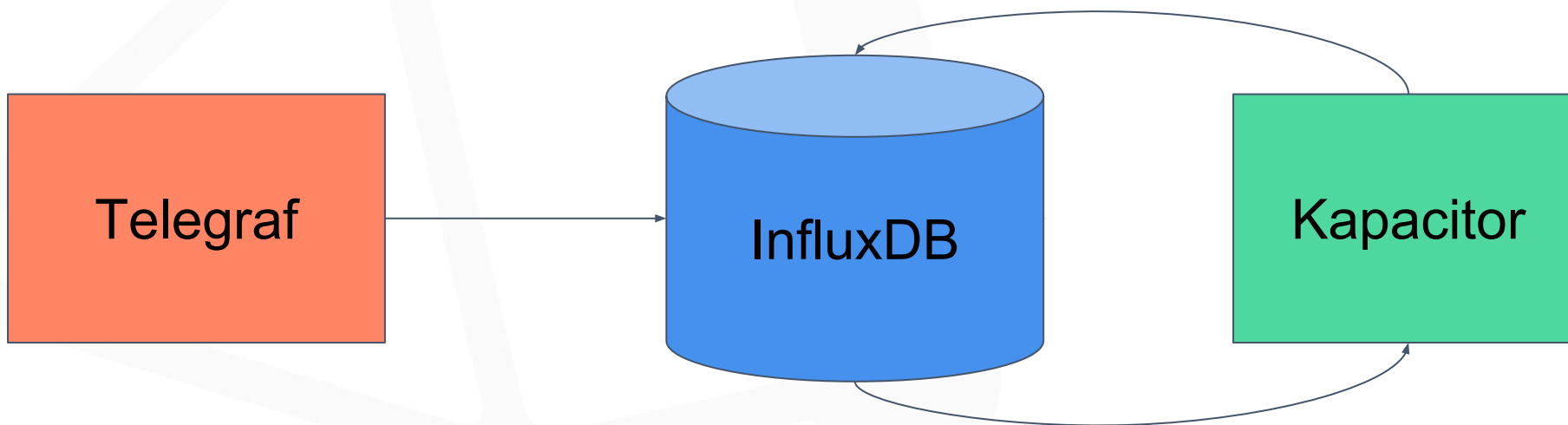


# Preprocess ETL



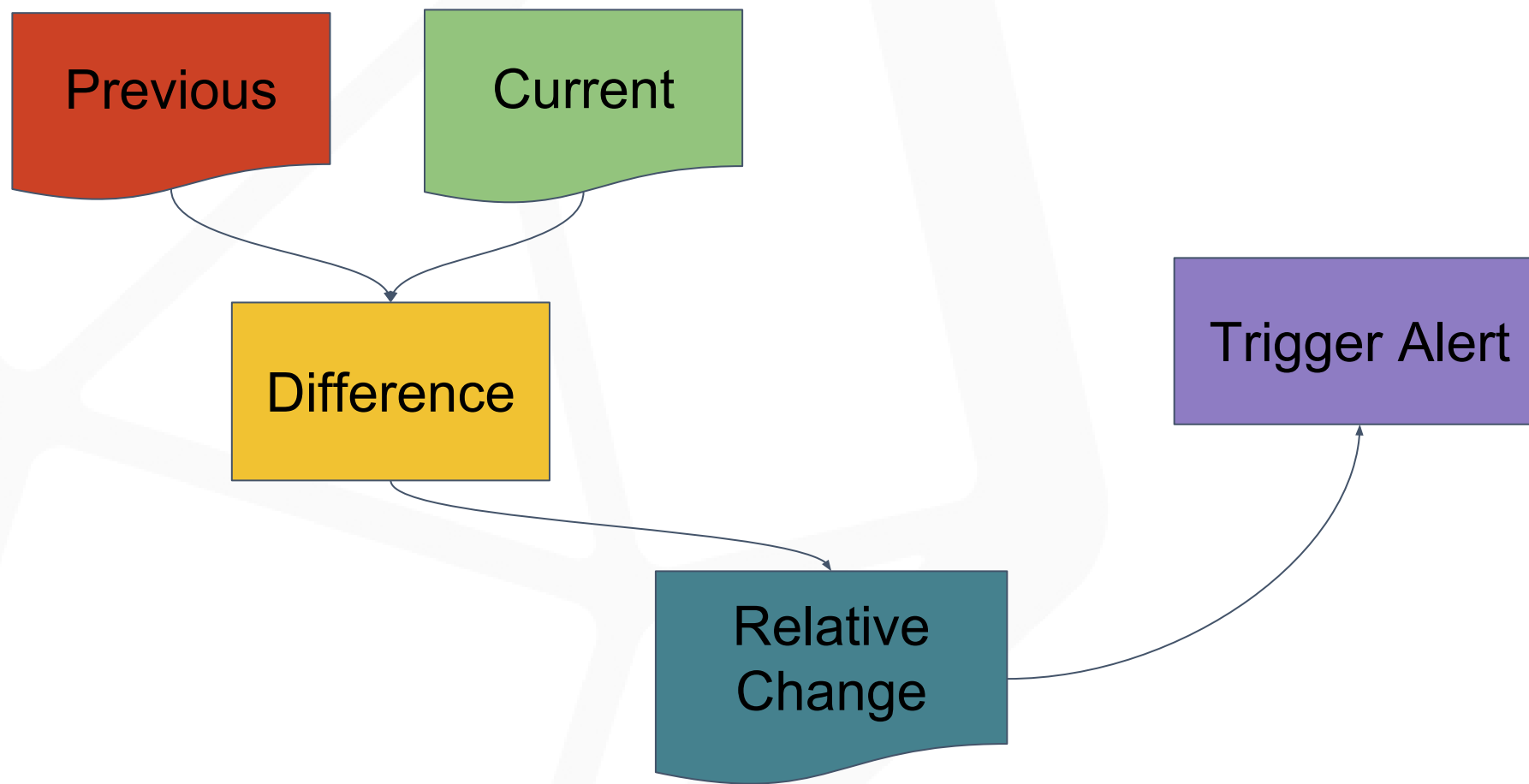
# Postprocess ETL

# Postprocess ETL



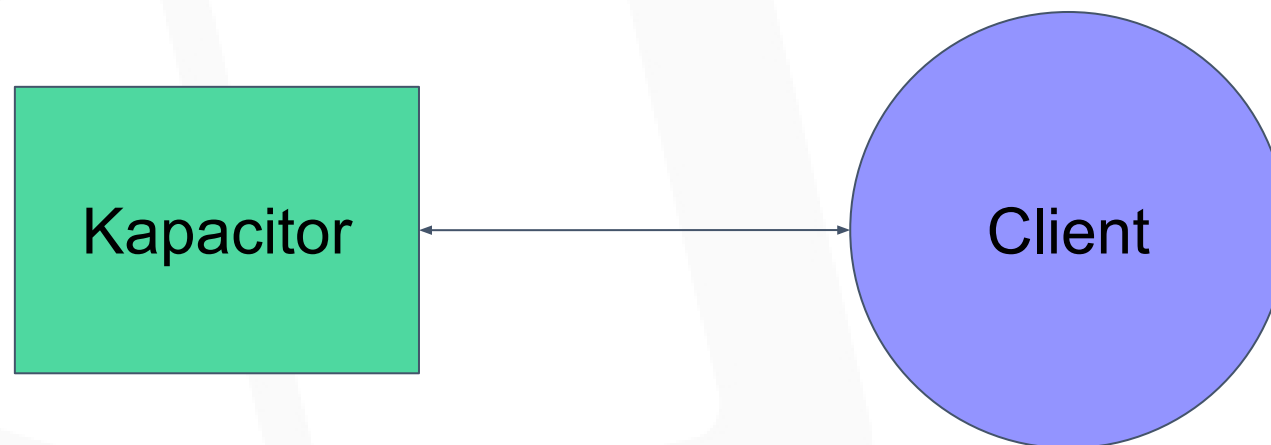
# Alert on Relative Change

# Alert on Relative Change



# Hot Cache

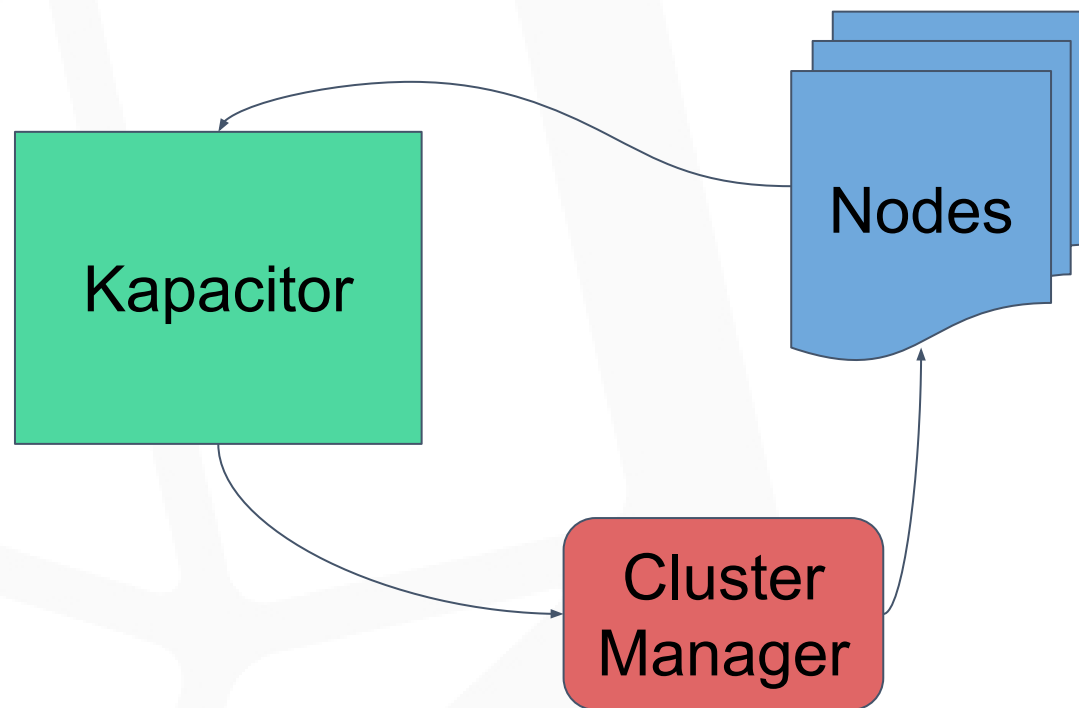
# Hot Cache



# Autoscale Services

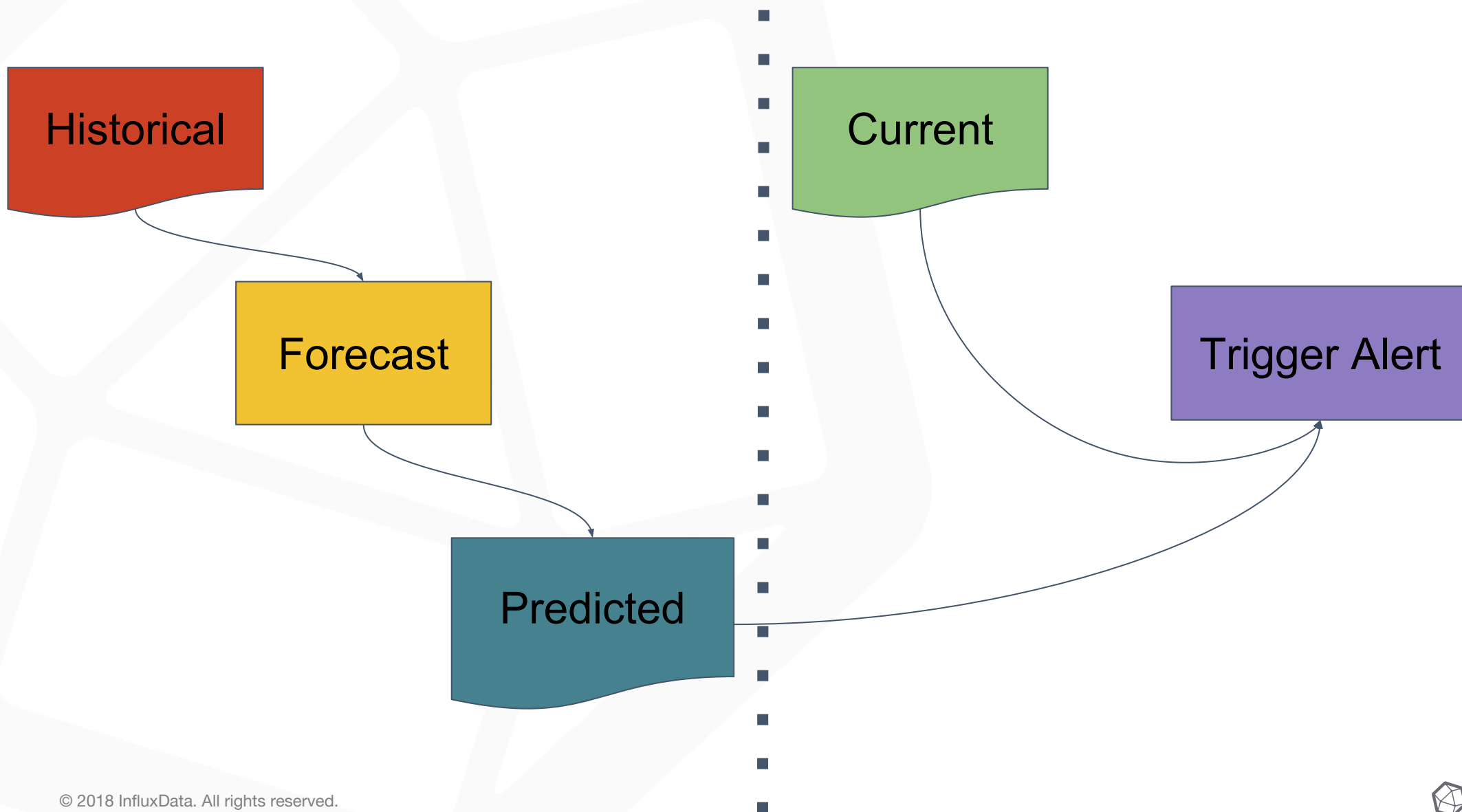


# Autoscaling



# Forecast

# Forecast



# Bring it All Together

# Bring it All Together

Pick Any Combination of the use cases:

- Predictive Autoscaling
- Preprocess to clean data before forecasting
- Alert on relative change from predicted values
- Alert on autoscale events
- Hot cache autoscale metrics

# Questions?

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Github: nathanielc



Thank You

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