# Lifecycle of savings



**CCM** at Verizon

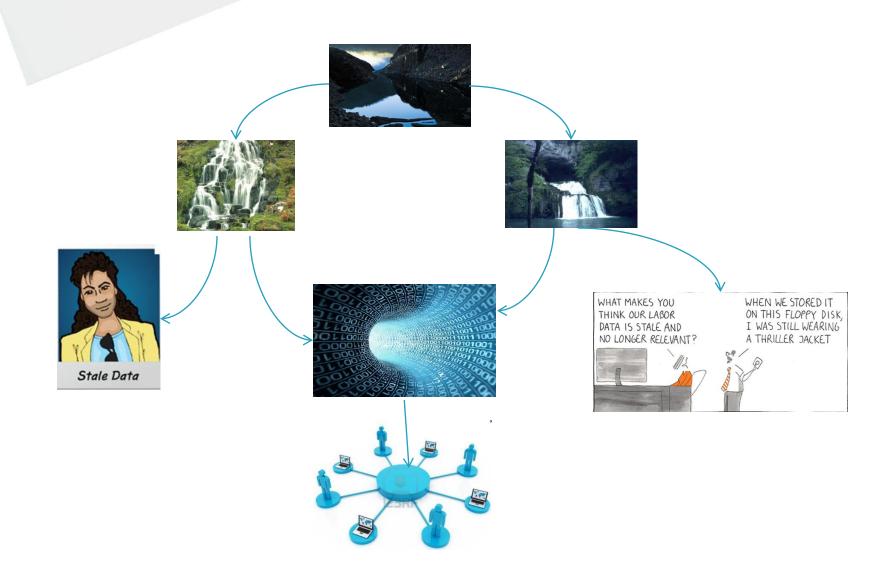






# Overview





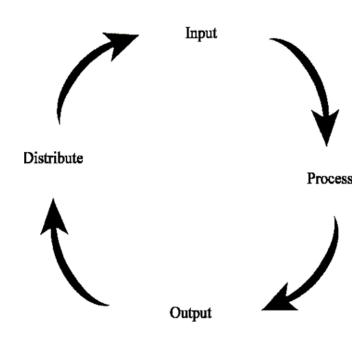
### 1/11/2013

#### Verizon corporation confidential and

Confidential and proprietary material for authorized Verizon personnel only. Use, disclosure or distribution of this material is not permitted to any unauthorized persons or third parties except by written agreement.

# Overview





- Accessing Sources
  - ✓ ETLs, CCMs against EcoSystem✓ Platform agnostic
- Determining Freshness
  - ✓Keep history of found
    - ✓ Ignore repeats
  - Apply business rules
    ✓Create files
    - ✓ Create communications



# Access Methods based on subject

### Time based

- ✓ Good for majority of cases
- ✓ History allows for data to "self heal"



### Content based

- ✓ Keep signals on data indicators
  - # records, totals, latest timestamps, etc.
  - Approaches closest to real time



#### Verizon corporation confidential and

Confidential and proprietary material for authorized Verizon personnel only. Use, disclosure or distribution of this material is not permitted to any unauthorized persons or third period persons or third period persons of the persons of the period persons of the persons of the period persons of the period persons of the period persons of the period persons of the persons of the

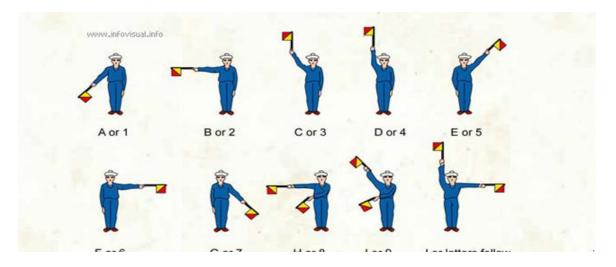


## Semaphores at work





- Components talk to each other
  - ✓ Allow different jobs to know results of predecessors
  - ✓ Give controlling jobs info for decision making
  - ✓ Serve as audit trail for current execution



#### Verizon corporation confidential and

Confidential and proprietary material for authorized Verizon personnel only. Use, disclosure or distribution of this material is not permitted to any control to the persons of third perties present by writen agreement.



# Who's in the know

- Findings
  - ✓ Get logged✓ Individual✓ Manager
- Feeds for visualizations
  ✓ Include actionable data
  ✓ Enable immediate action



#### Verizon corporation confidential and

Confidential and proprietary material for authorized Verizon personnel only. Use, disclosure or distribution of this material is not permitted to any unauthorized persons or third period persons or third period persons of the persons of the period persons of the persons of the period persons of the period persons of the period persons of the period persons of the persons of the



# Things to Think about

## Controlling server availability

- ✓ Missing time based CCMs
- ✓ Separate server tests for Controlling semaphores
  - Controlling server clears semaphore
- Complacency
  - ✓ Its human nature to grow accustomed



# Summary



- CCM at Verizon allows us to do more with less
- Extraordinarily cost effective
- Provides proof of testing
- Integrated into Corporate eco system
- Frees dev resources for other tasks
- Questions?



Verizon corporation confidential and