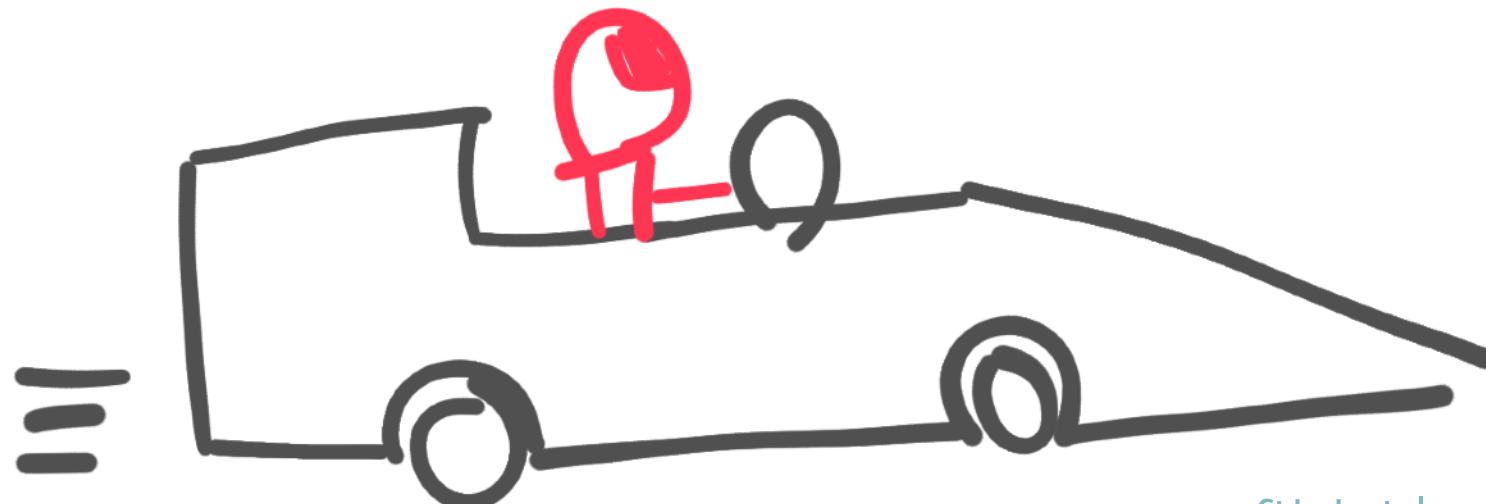


Breathe In, Breathe Out

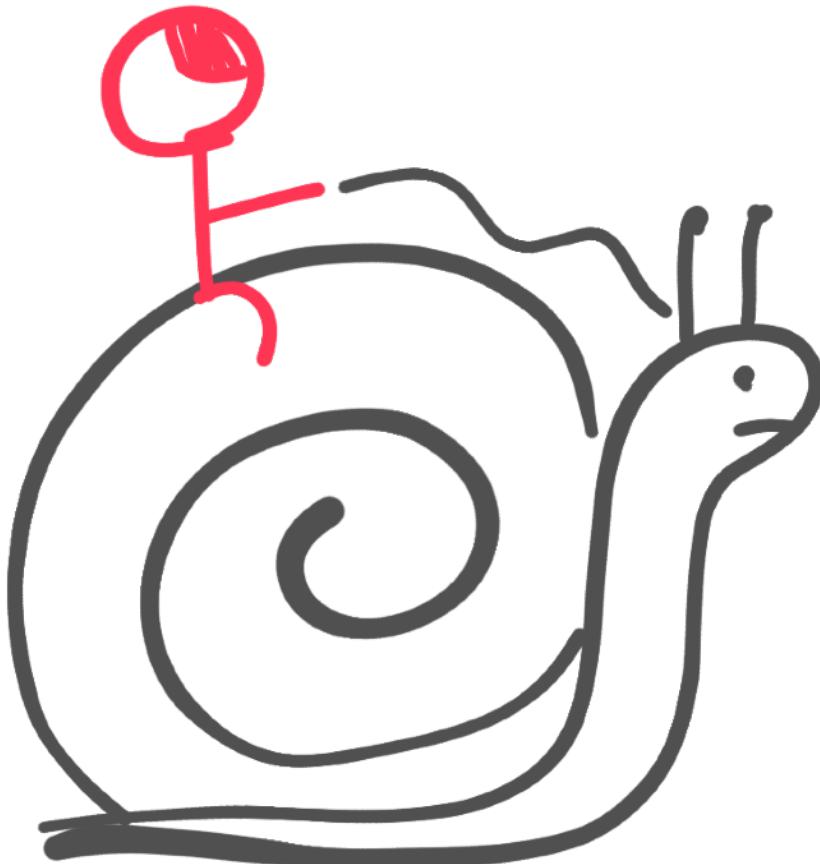
Get Kafka Connect Configs Right!



Who Wants to go **Fast?**

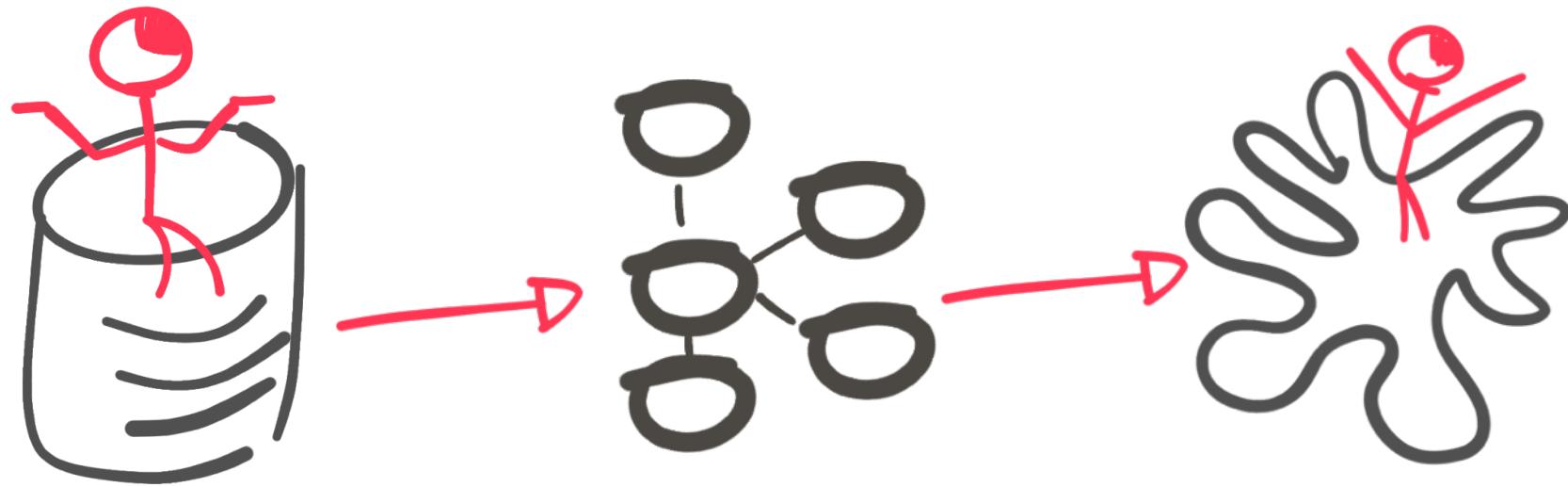


**Where
are you
now?**



Where's The Data ?





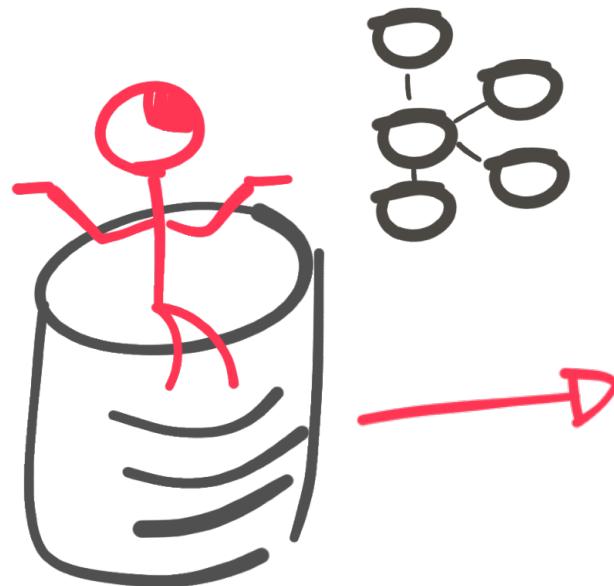
Kafka Connect



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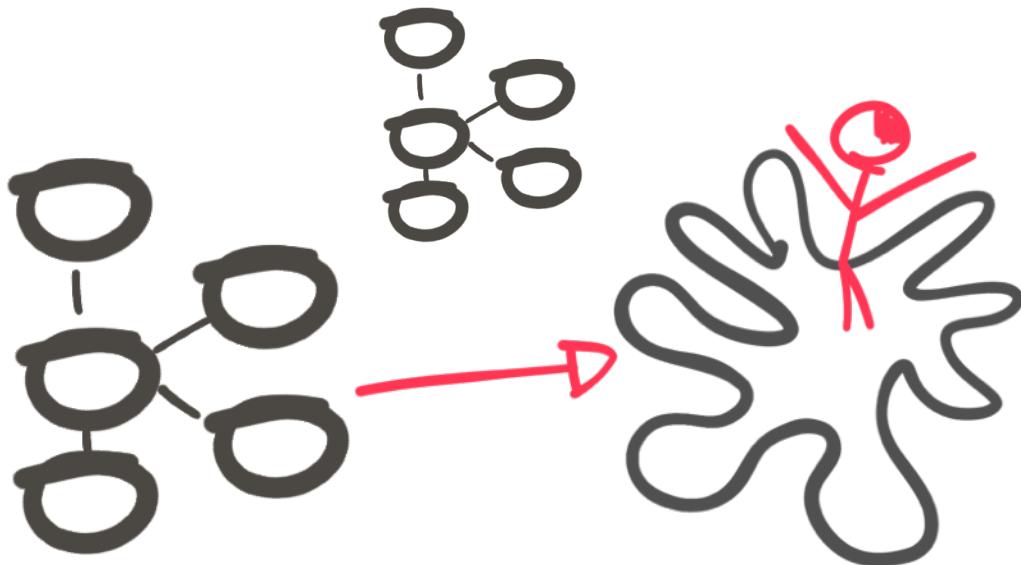
Kafka Connect

Source

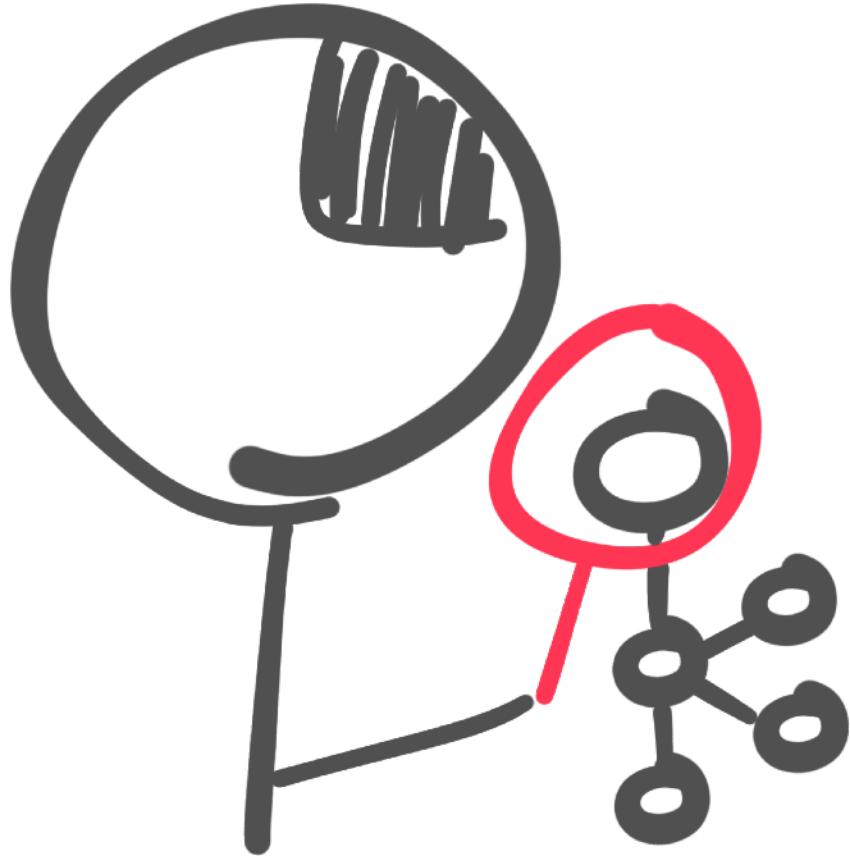


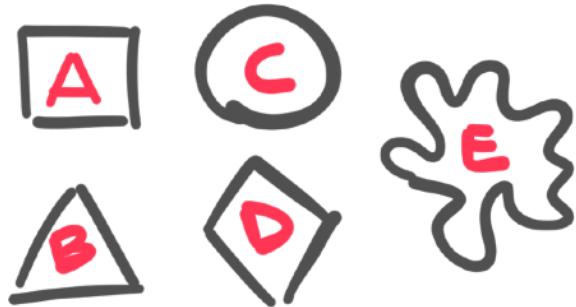
Kafka Connect

Sink

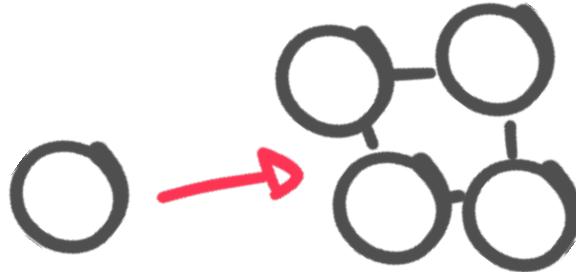


Kafka Connect Qualities

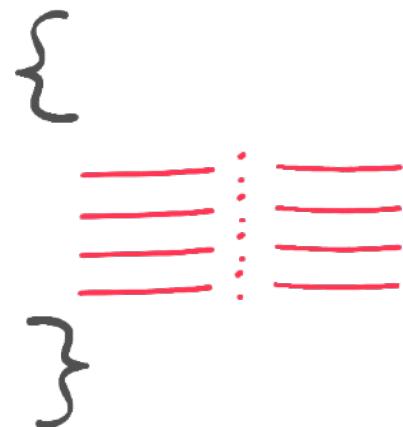




Decoupling



Scaling



Pure JSON

A large set of curly braces enclosing the word "REST" written in red. This represents the RESTful API paradigm.

Management



When
All
Seems
Nice...

Dark Magic



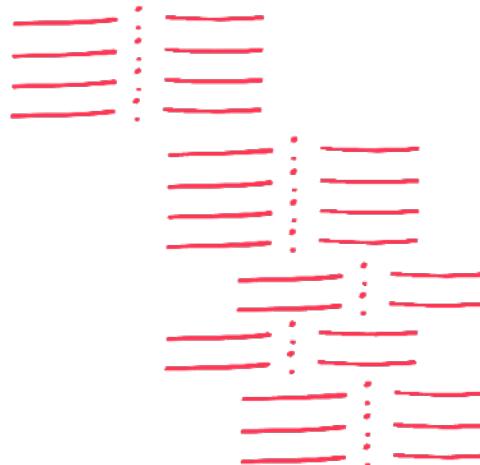
{



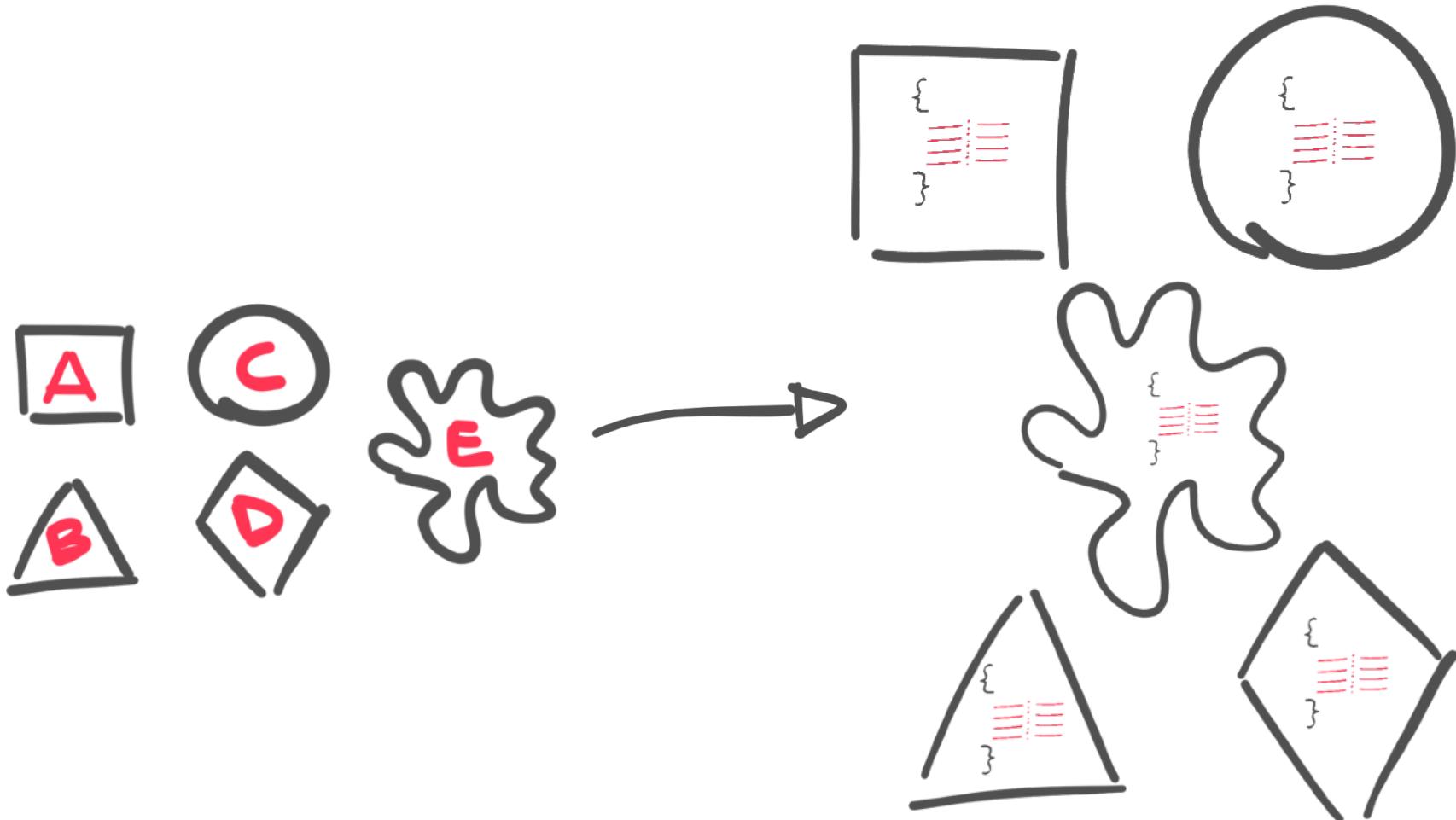
}

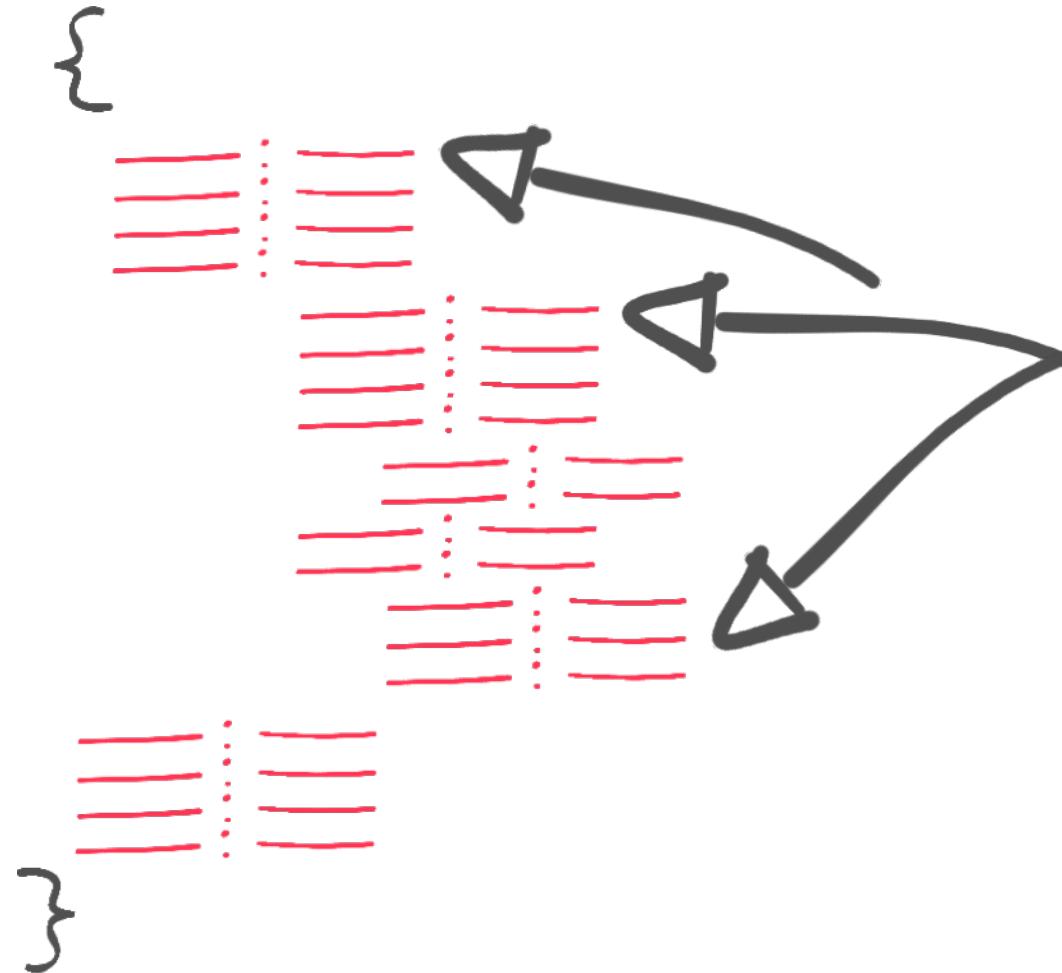


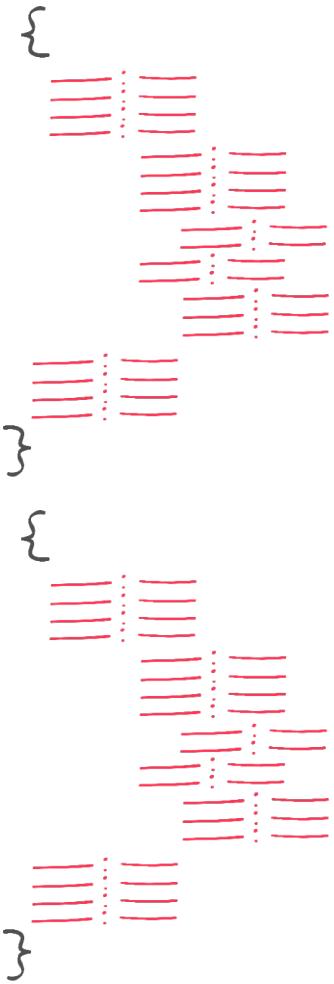
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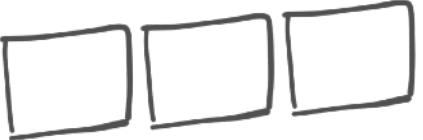
}



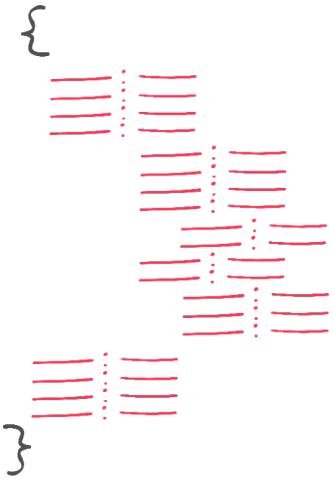




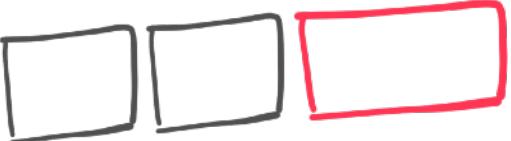
+



=

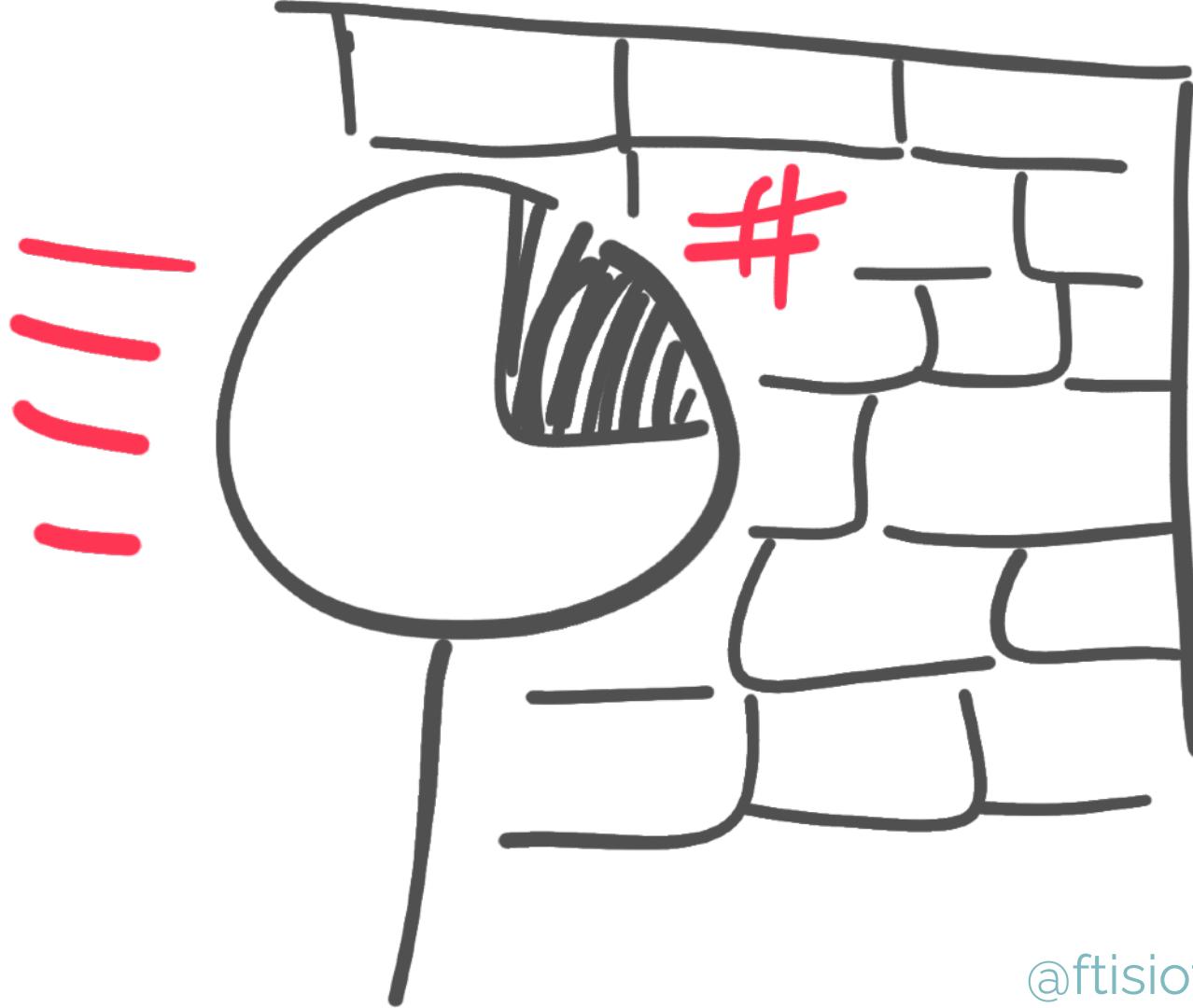


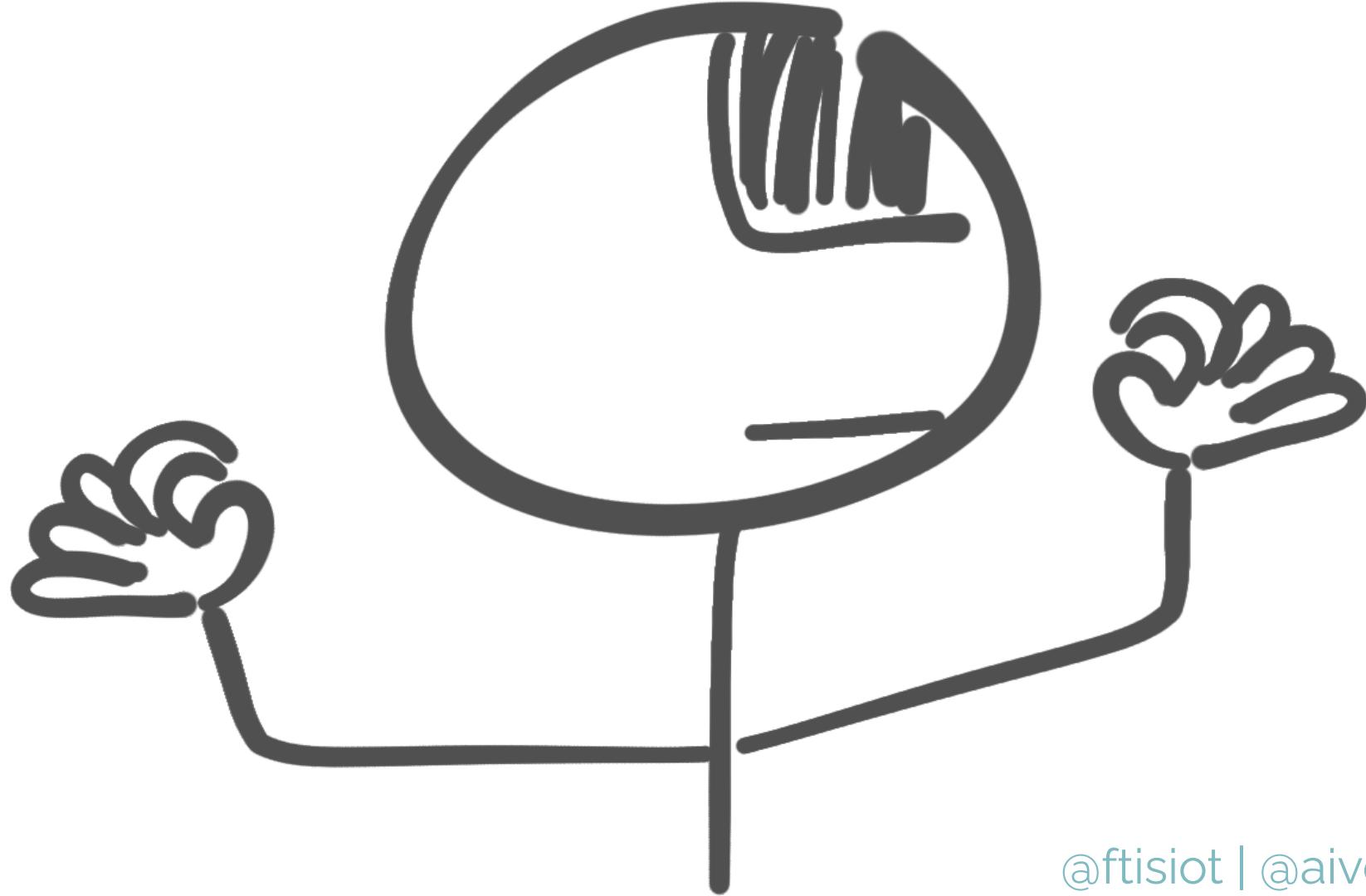
+



=







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RTFM



END

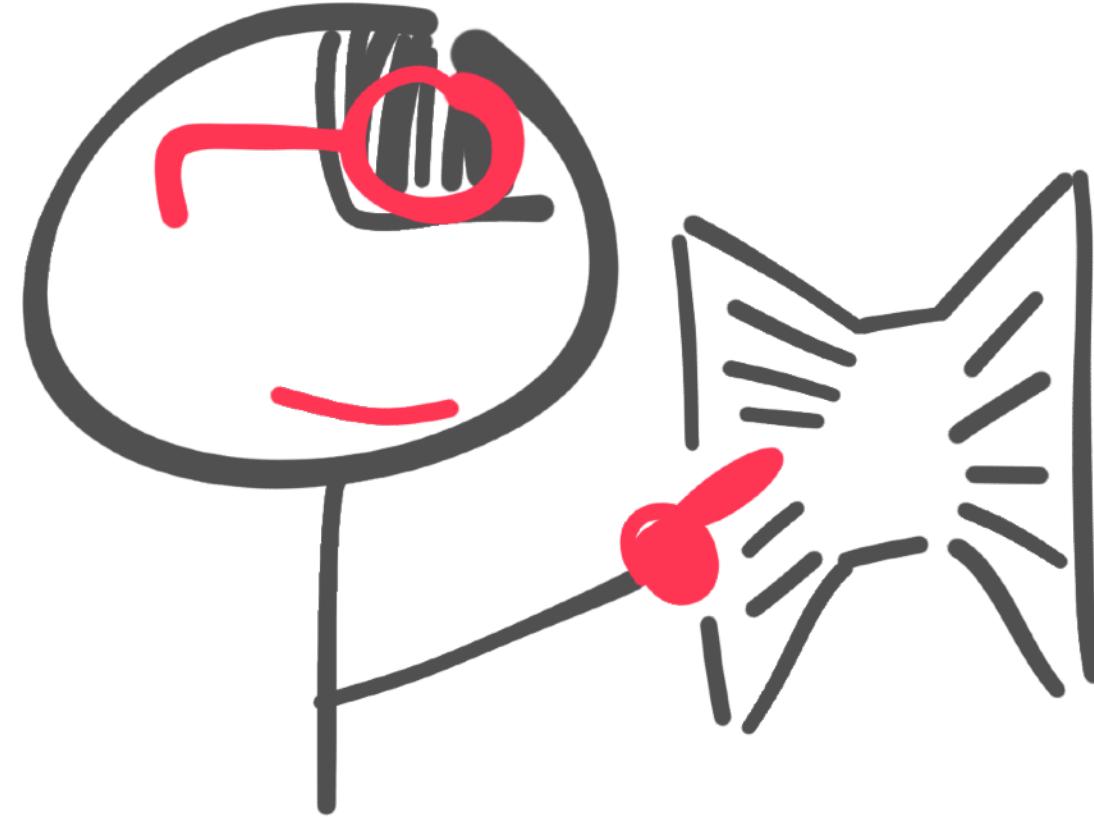


RTFM

Kafka Connect Magic School



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Study

Exercise

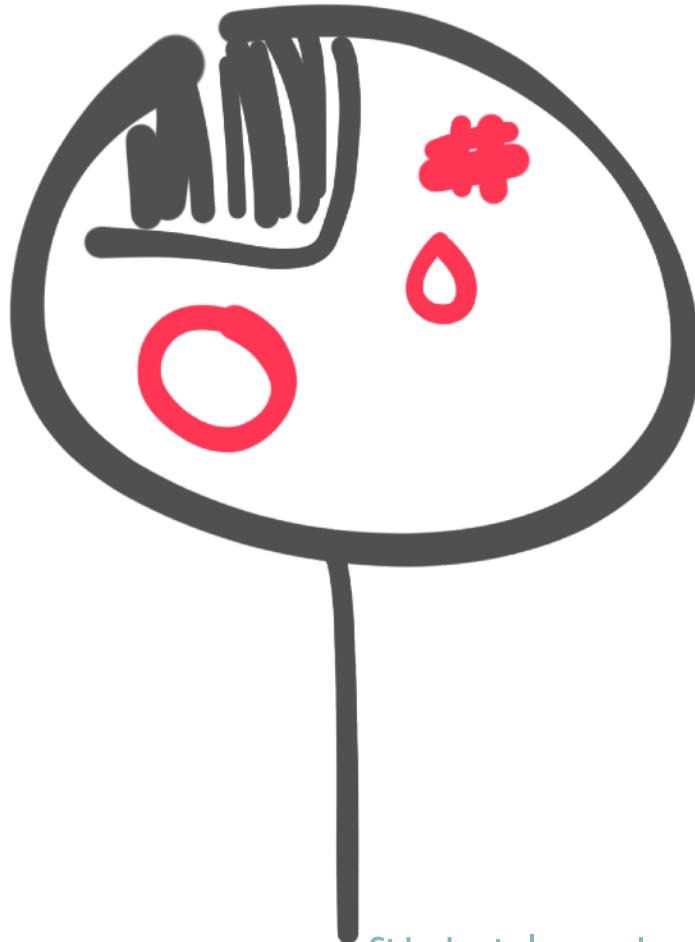


Tips



5773

Tips for Kafka Connect



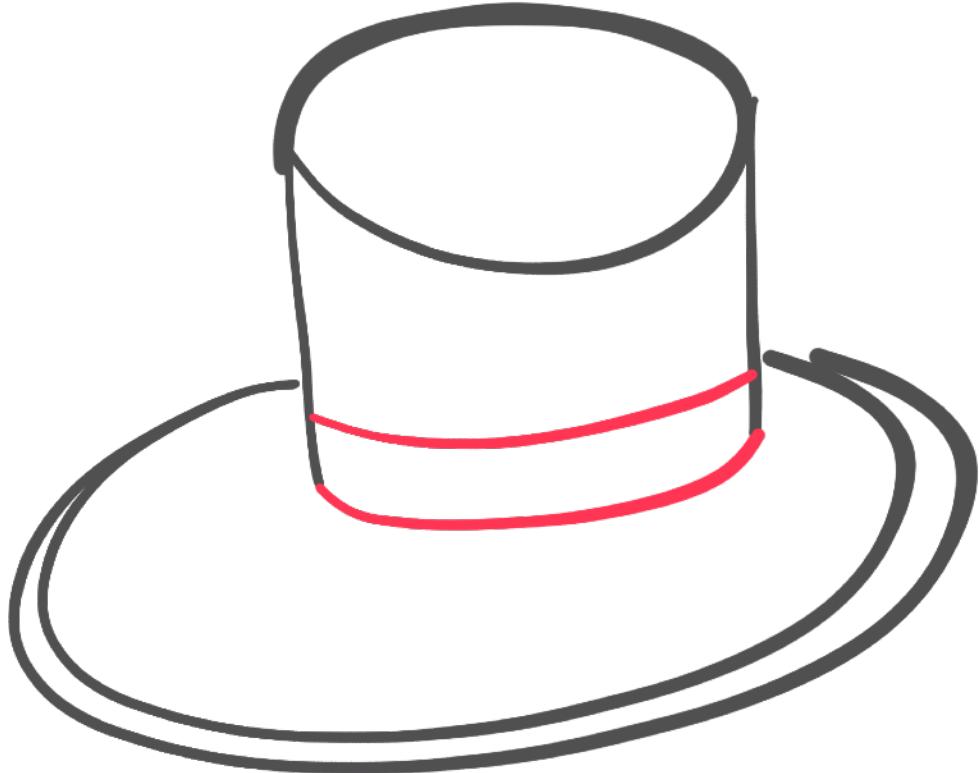
7

Tips for Kafka Connect



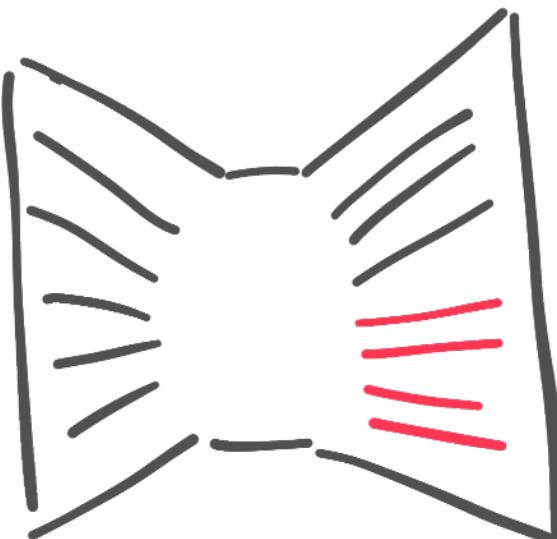
#1

Grab
Hat





~~auto_create_topics_enable~~



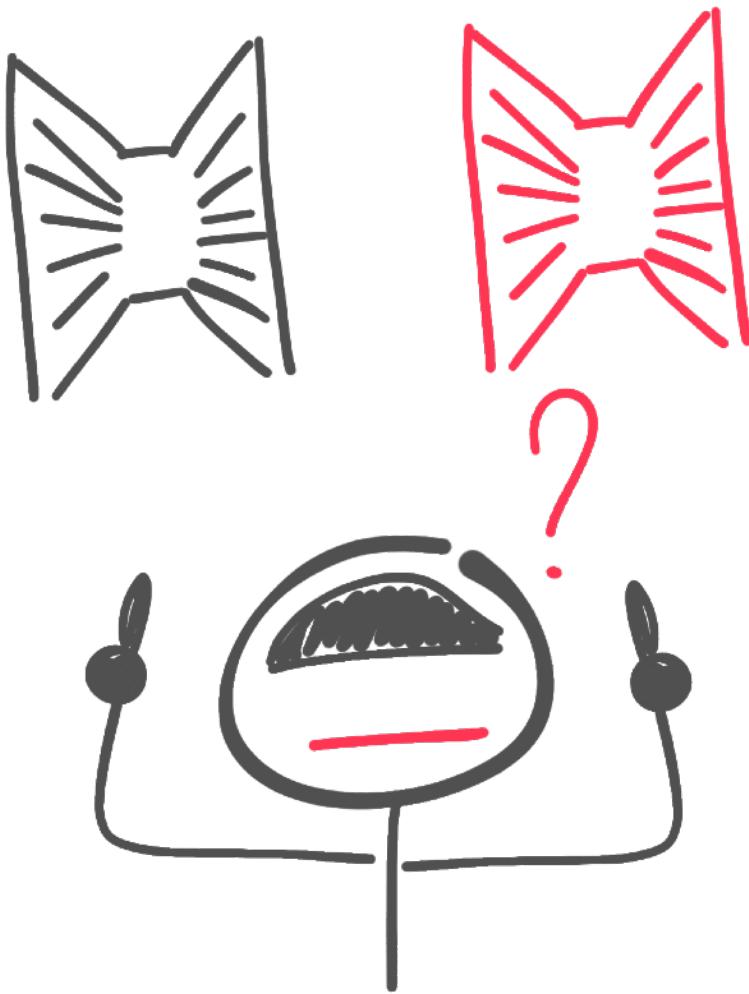
database.server.name
+
table.include.list

~~auto.create~~
~~auto.evolve~~

#2

Chose Spell





Requirements

Benefits

Risks

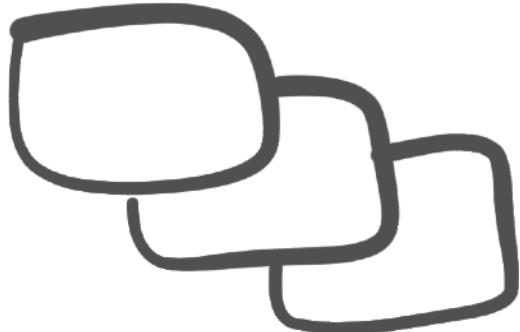
#3

Check Ingredients





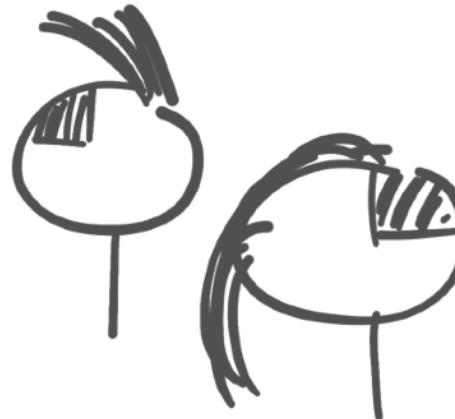
Dependencies



Required Objects



Network Paths



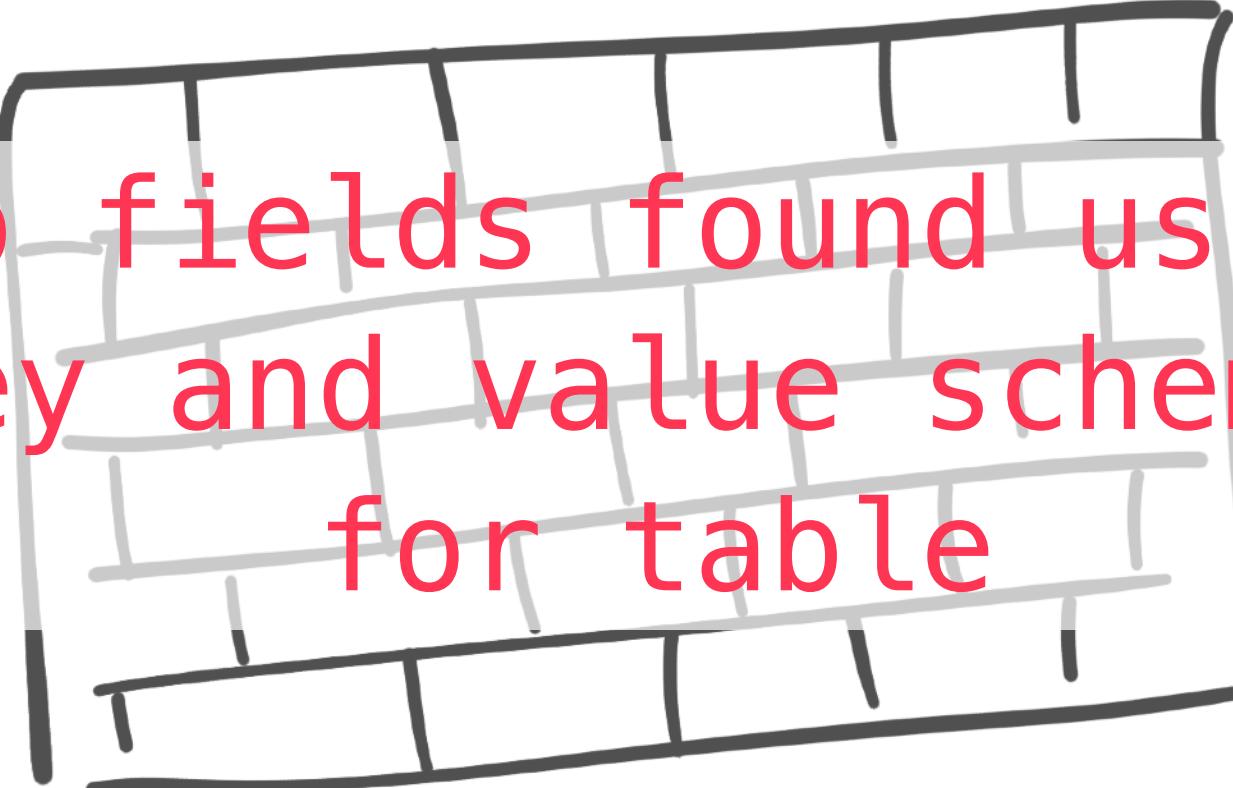
Credentials and Privileges

Data Formats

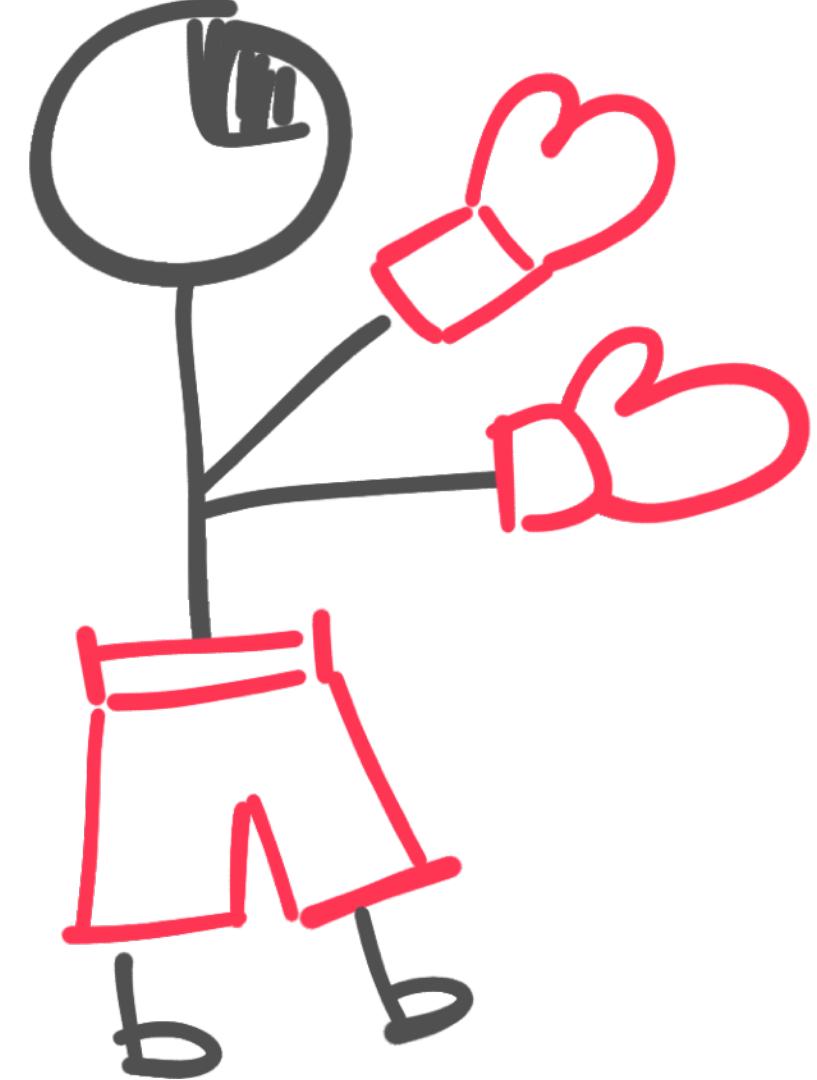
JSON

AVRO

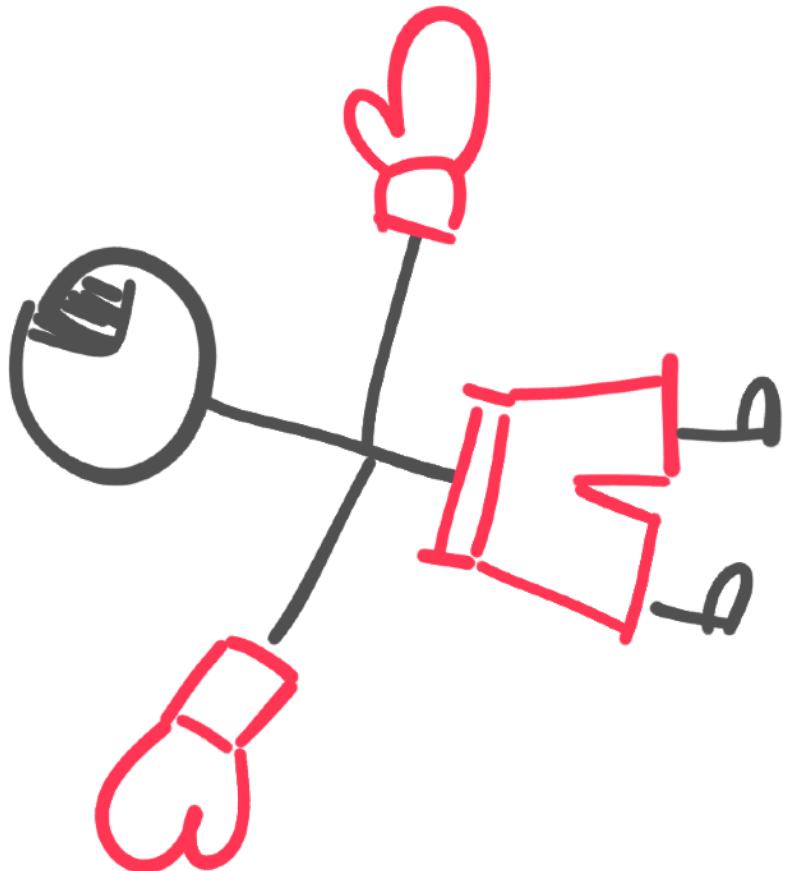




No fields found using
key and value schemas
for table



schema.enabled



Schemas FTW

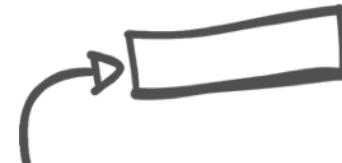


#4

Transform Shape



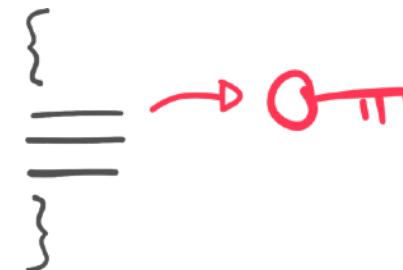
Single Message Transforms



Extract Topic



Tombstone

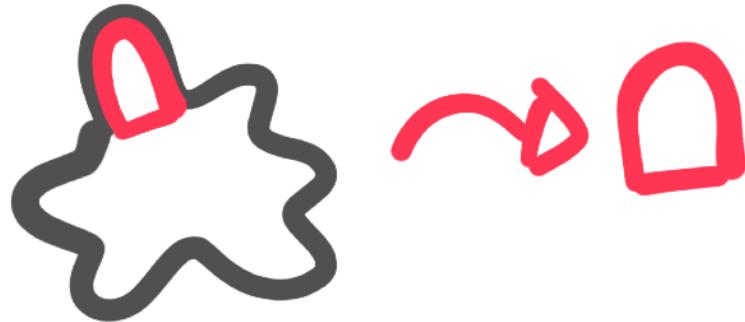


ValueToKey



Connector
Specific

```
{  
"before": {"Value": {"id": 2, "name": "pennette", "cooking_minutes": {"int": 7}}},  
"after": {"Value": {"id": 2, "name": "penne", "cooking_minutes": {"int": 6}}},  
"source": ...  
}
```

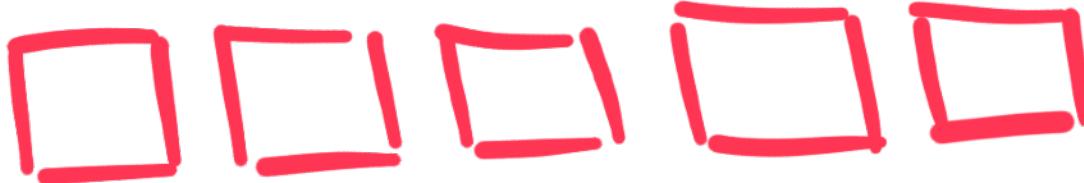


io.debezium.transforms.ExtractNewRecordState

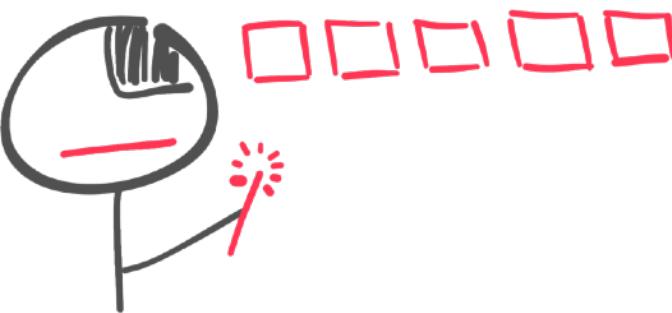
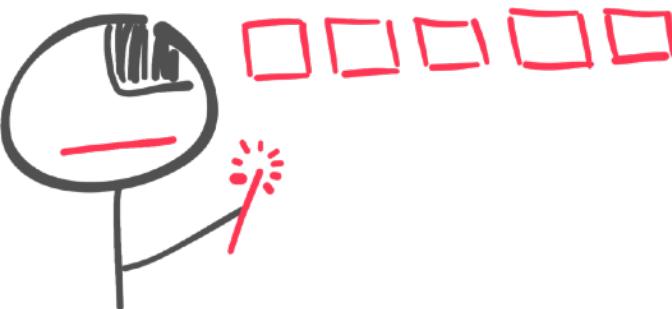
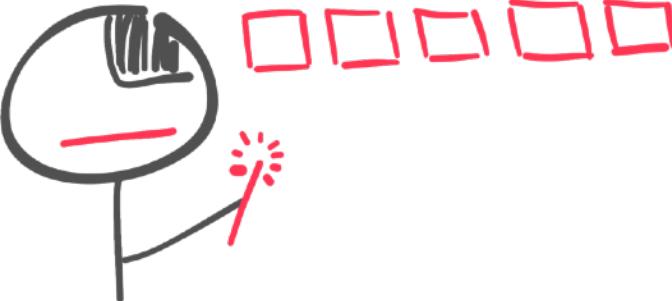
#5

Strengthen Power



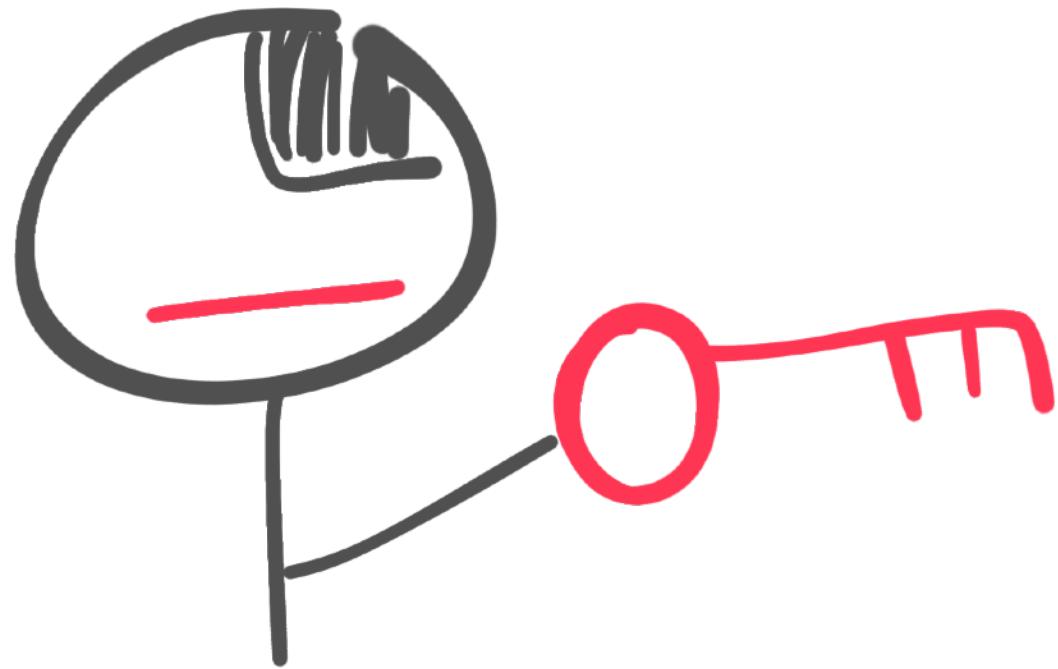


Data in Flight



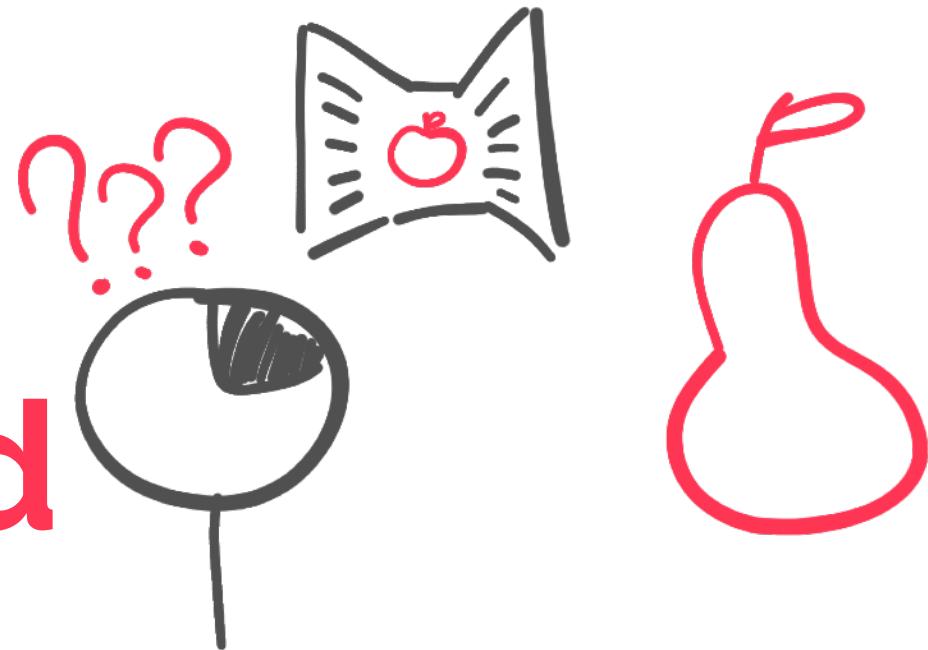
Parallel Tasks

Define Keys



#6

Understand Mistakes



Error Tolerance

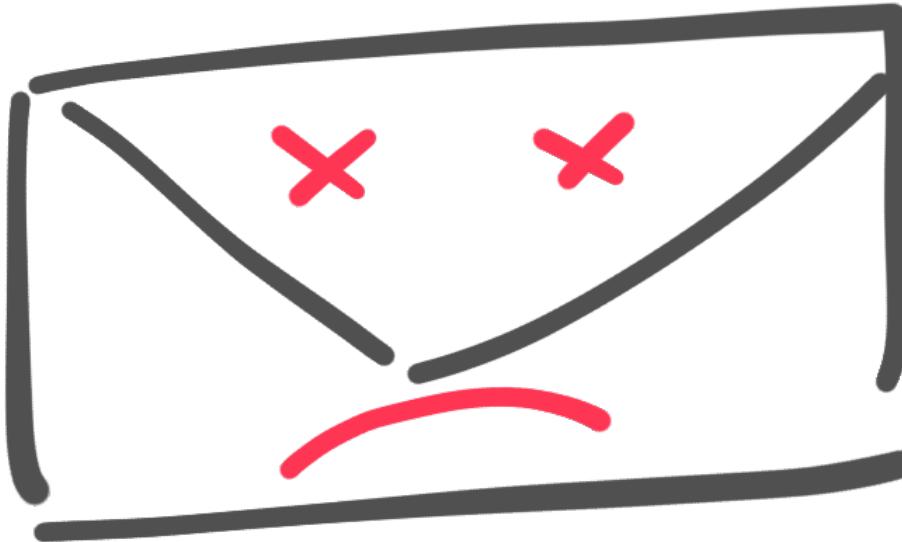
none



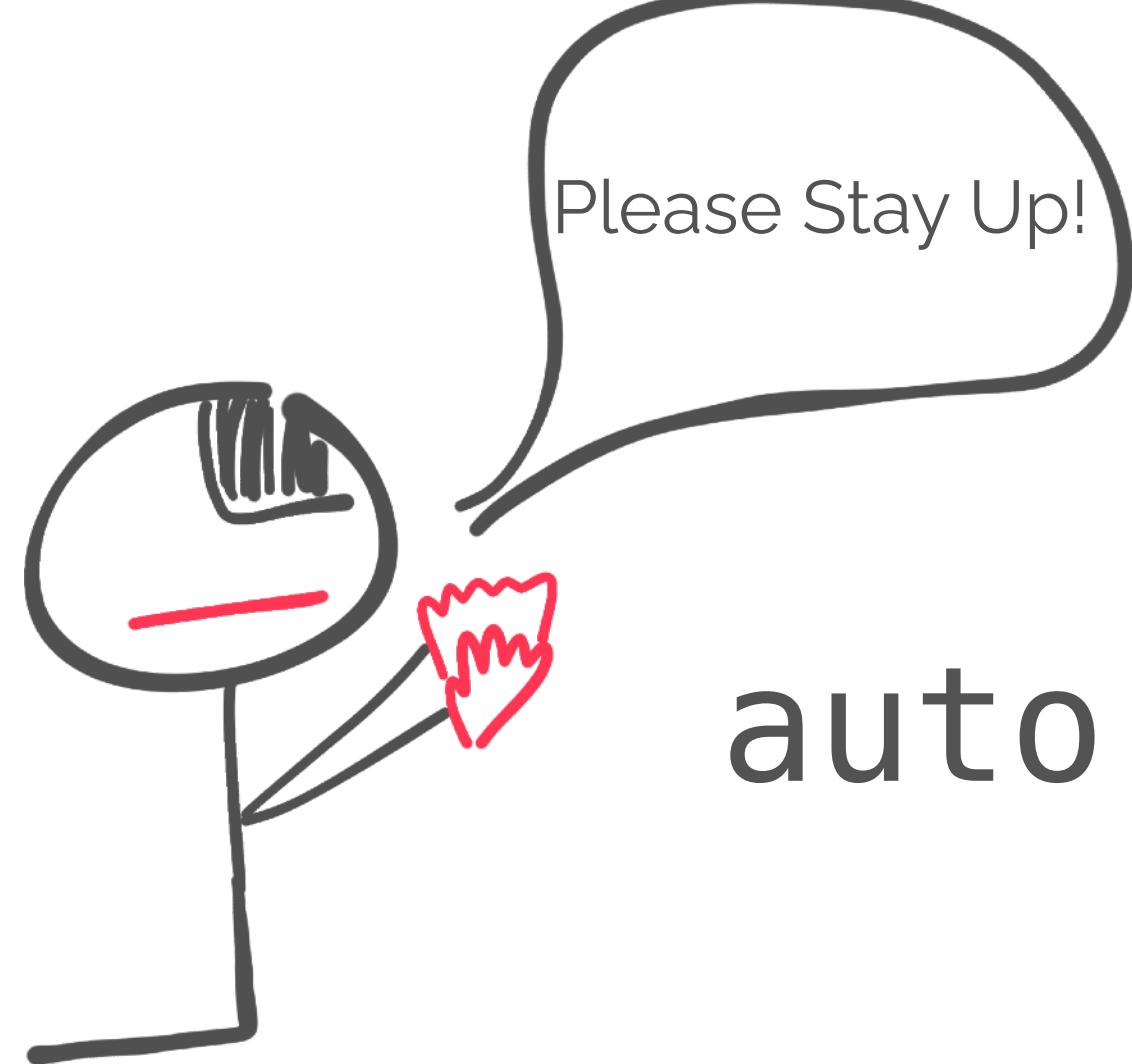
all



Dead Letter Queue



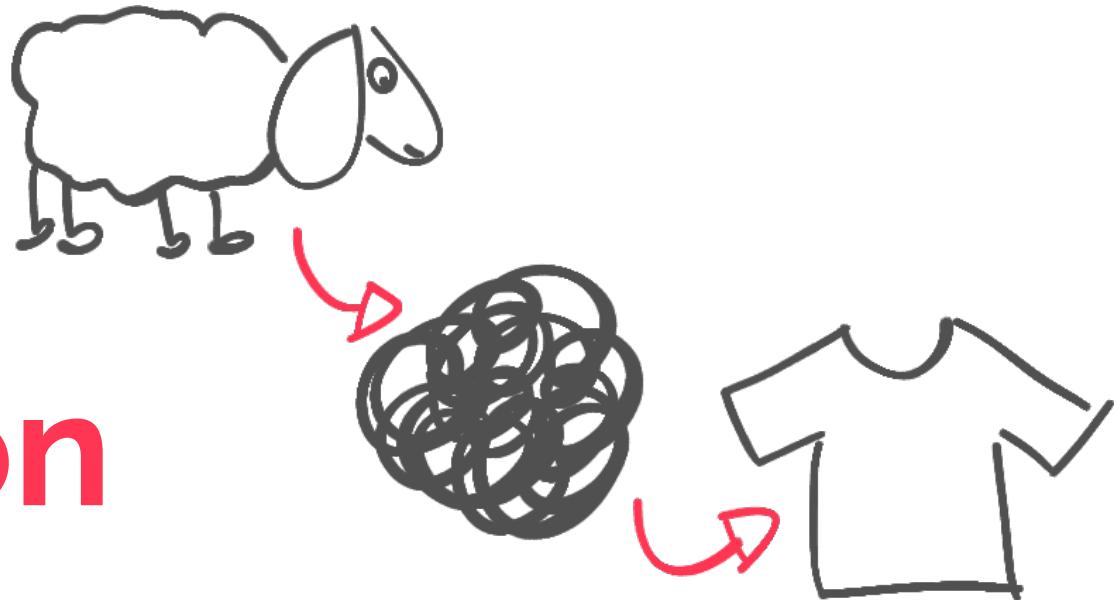
errors.deadletterqueue.topic.name



auto.restart

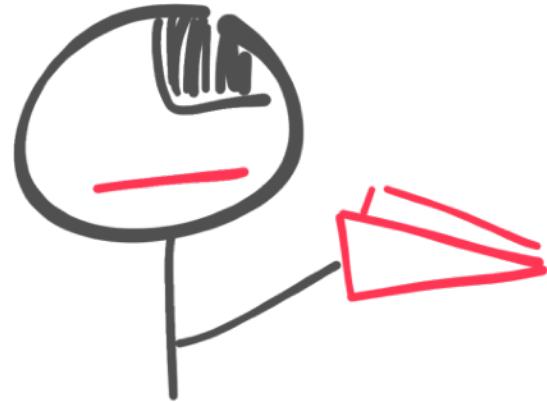
#7 Rule:

Keep
Evolution
Trace

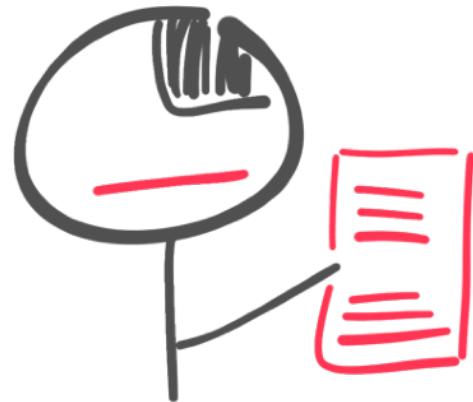




RTFM

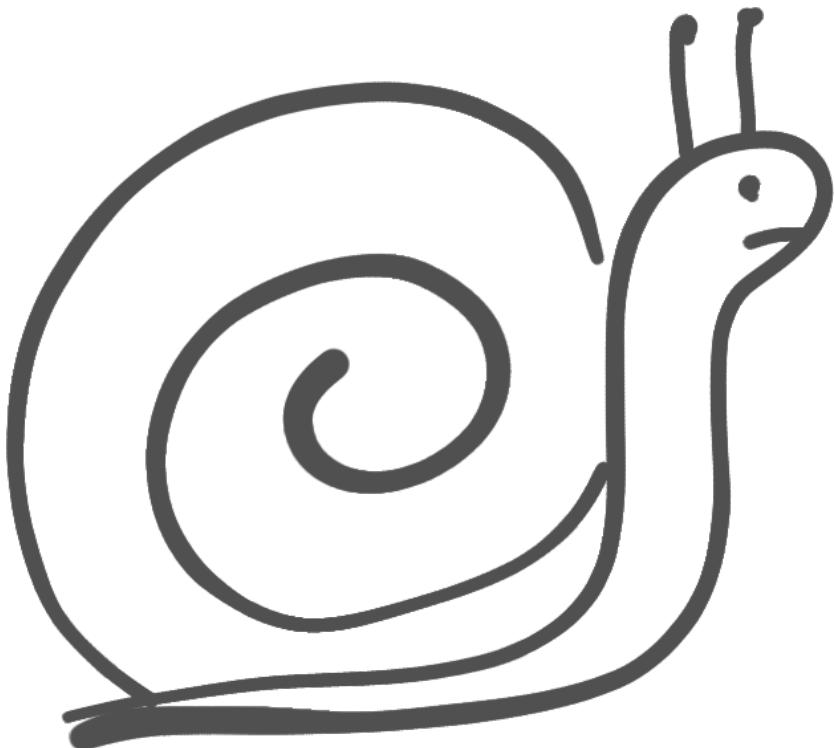


Keep it Simple

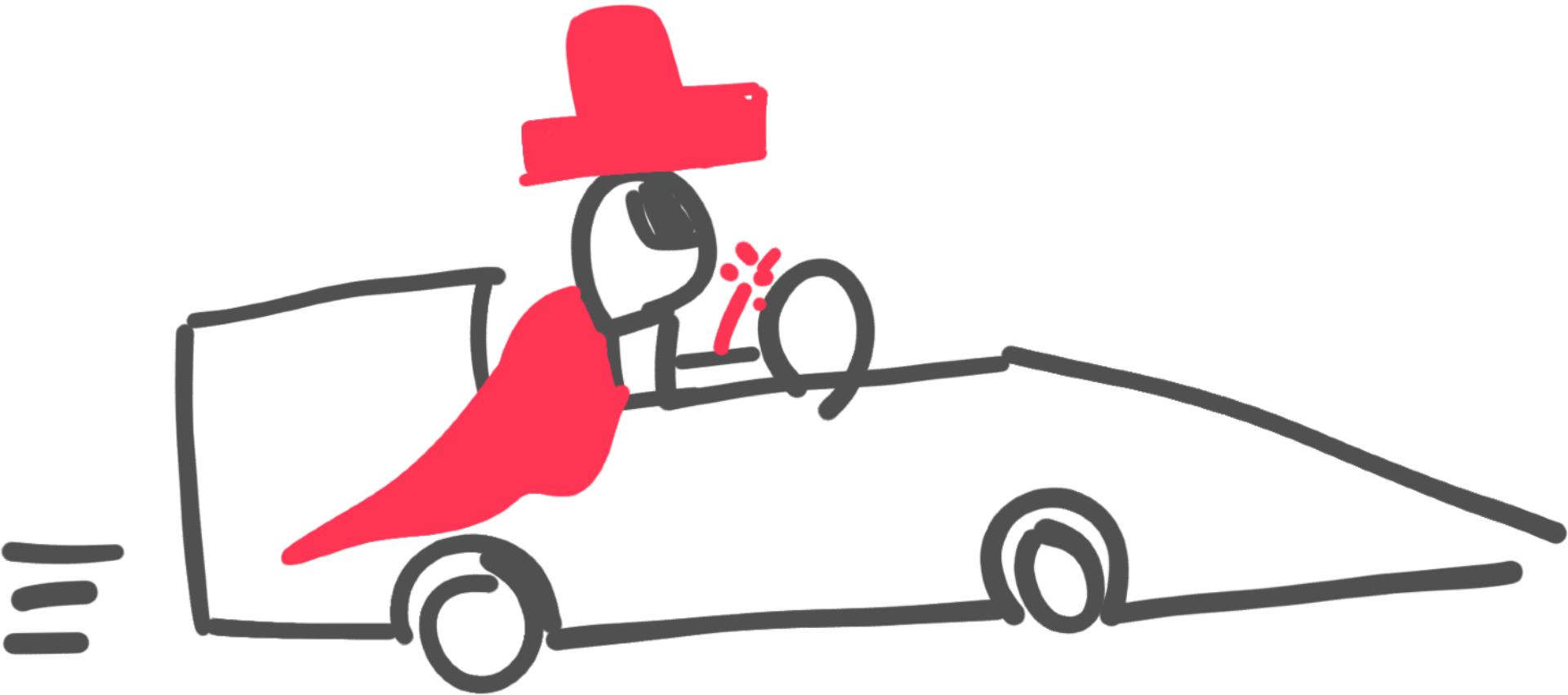


Automate

You
Graduated



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<https://ftisiot.net/talks/metadata-parser-uptime/>



Find Aiven at the Booth

C10

Aiven Challenge