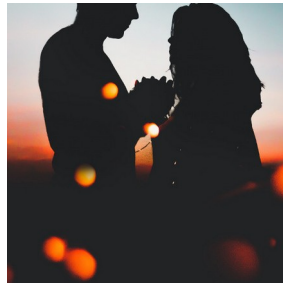
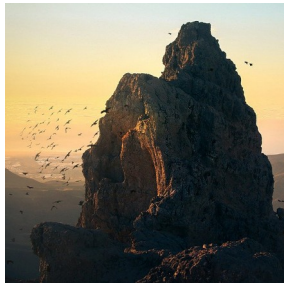
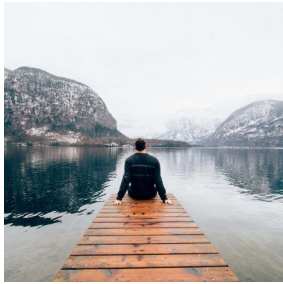
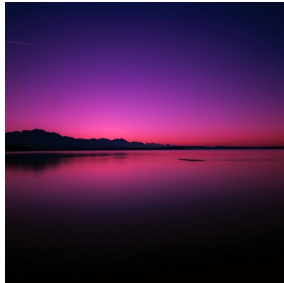
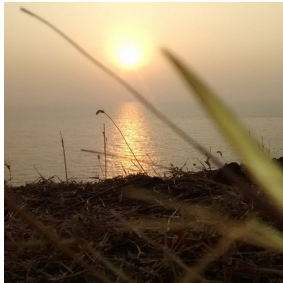


69
Stories

950
Liked

191
Followers

9
Following



HACKAGRAM

A motivational
scenario
for
Kafka
streams

(Not implemented)



Stella Hackworth

69
Stories

950
Liked

191
Followers

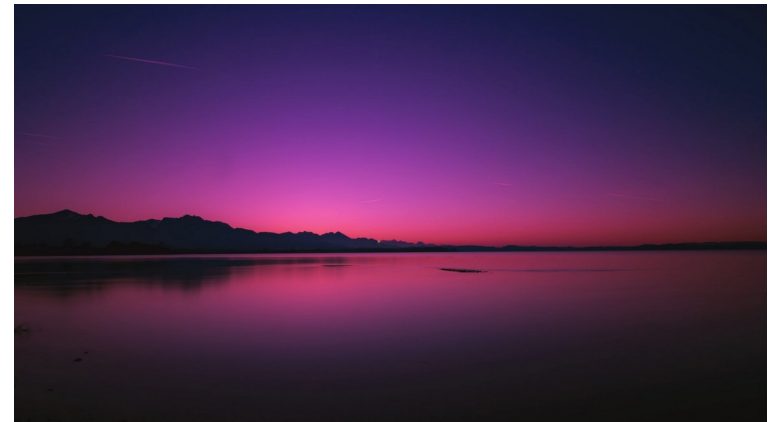
9
Following



MY HACKAGRAM



Stella Hackworth



"Journey's end in a lonely planet"



Colin Codesmith





Stella Hackworth

69
Stories

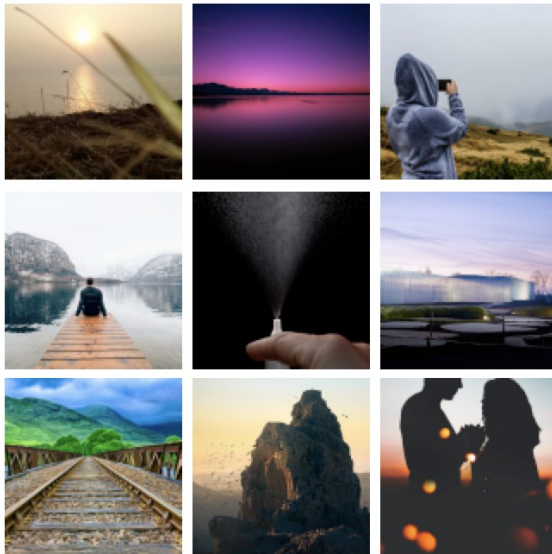
950
Liked

191
Followers

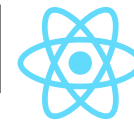
9
Following



LAMP Stack



express



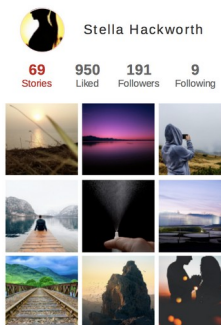
MEAN Stack

{i}

JSON



*Pre-joined
"materialized view"*



Central idea of the MEAN Stack



Stella Hackworth

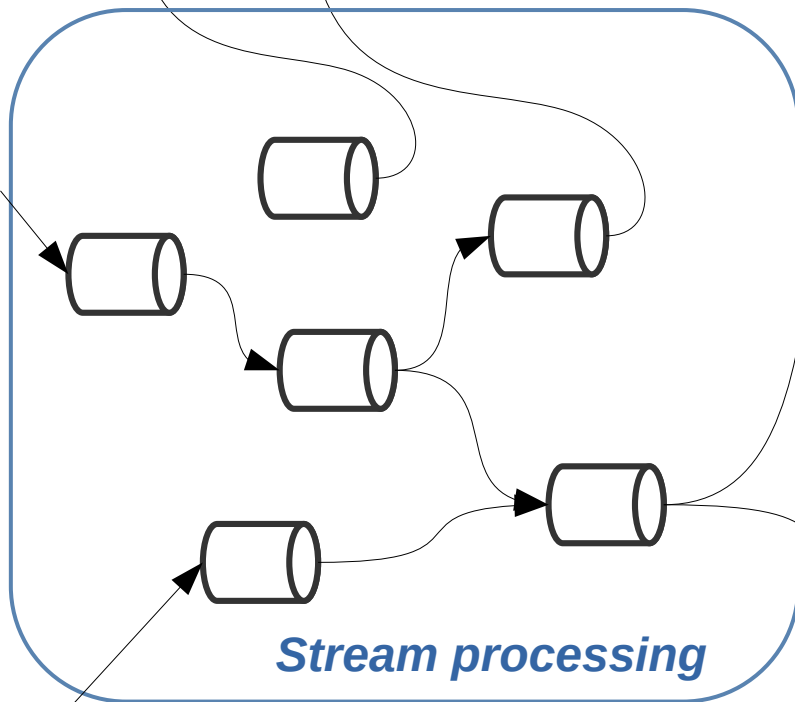
69
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Followers

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Following

EVENT

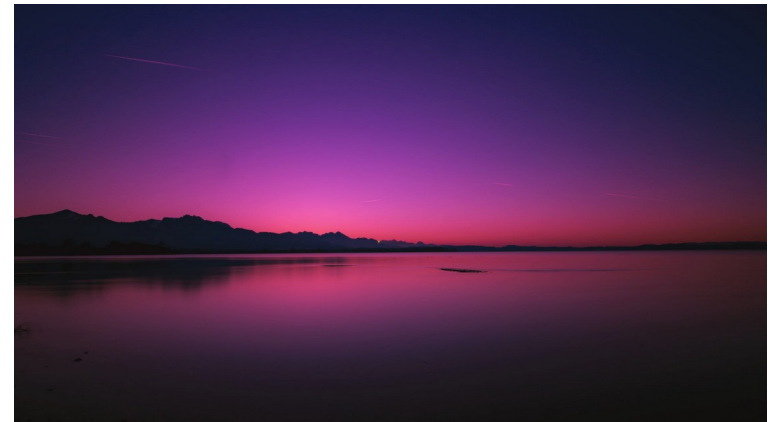


EVENT

MY HACKAGRAM



Stella Hackworth



"Journey's end in a lonely planet"



Colin Codesmith





Stella Hackworth

69
Stories

950
Liked

191
Followers

9
Following



APACHE
kafka®

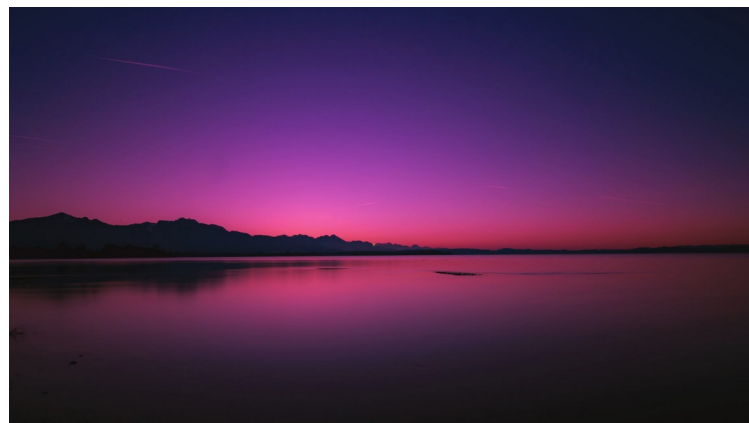
A distributed streaming platform

Distributed immutable log

MY HACKAGRAM



Stella Hackworth



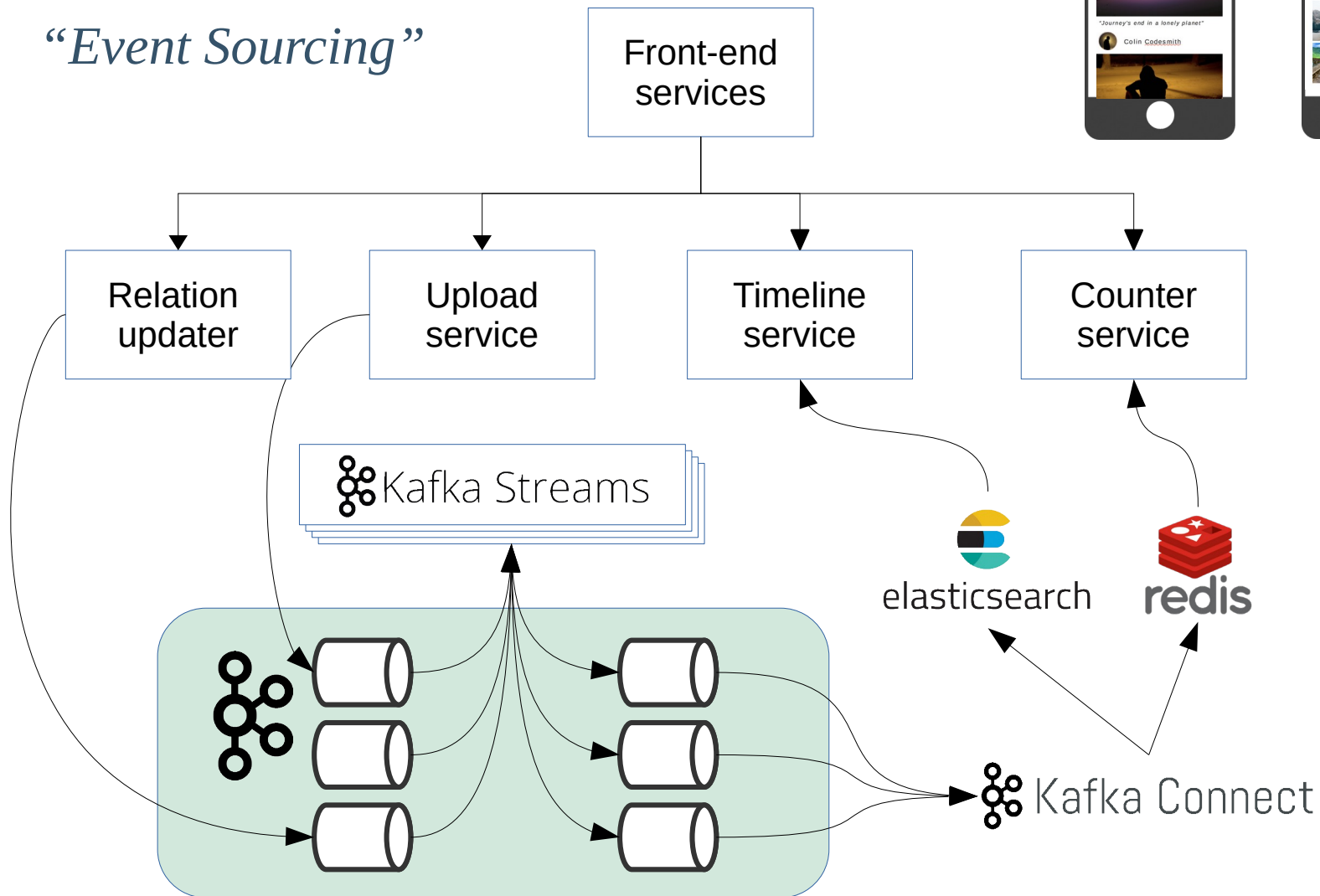
"Journey's end in a lonely planet"



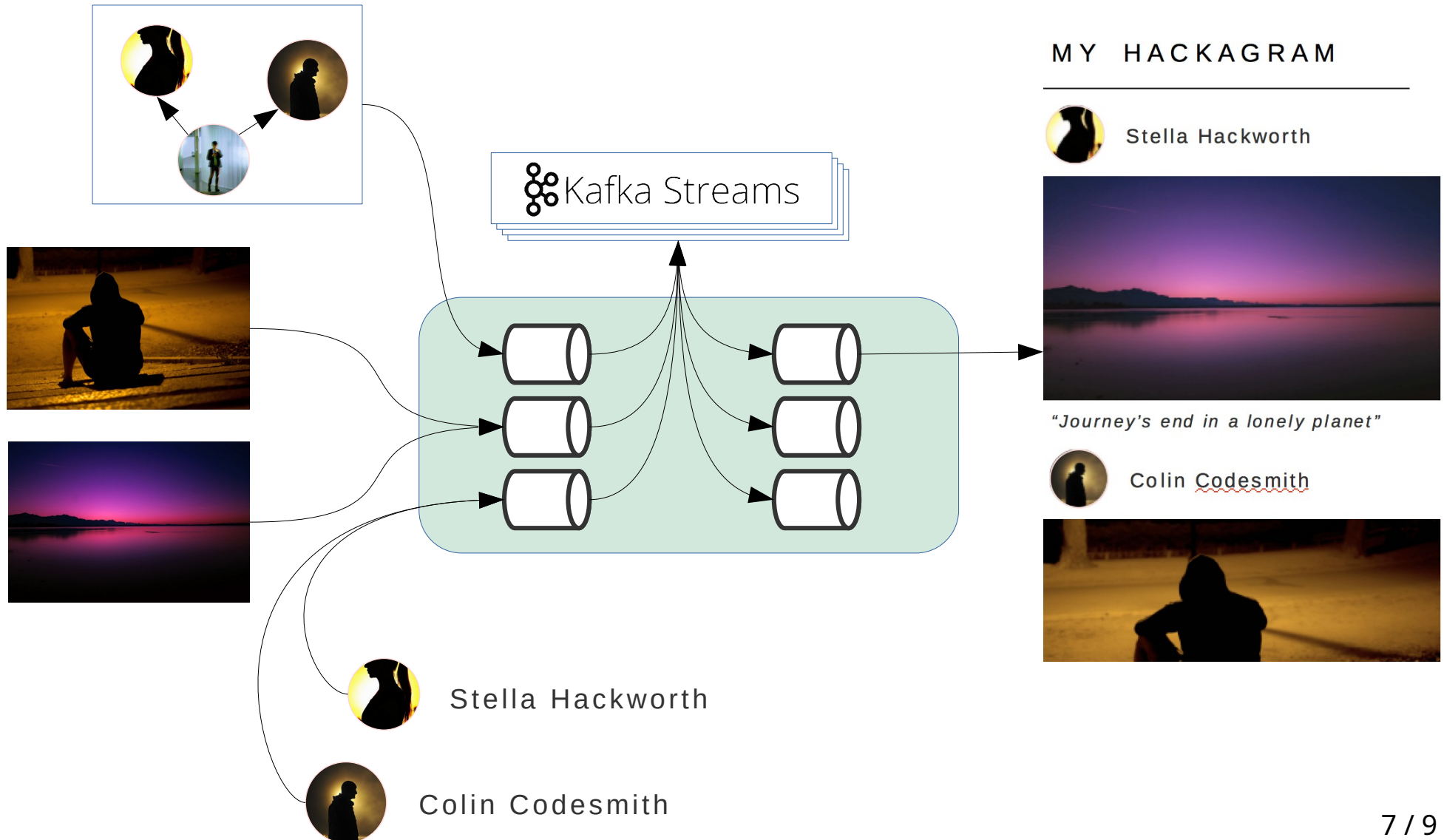
Colin Codesmith

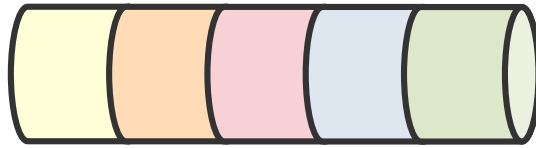


“Event Sourcing”

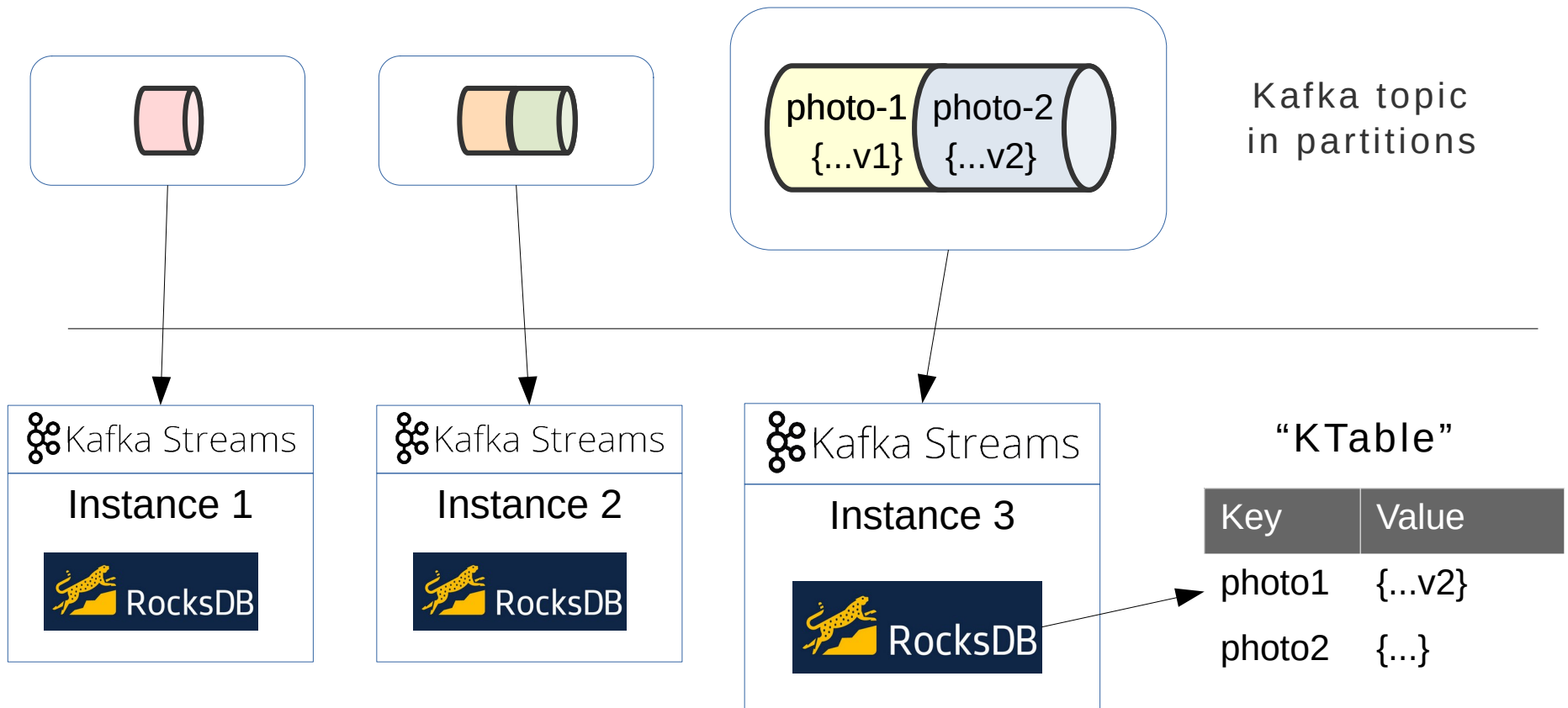


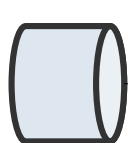
Demo: Streams Join





Kafka topic





Key	Value
stella	{name:"stella"}

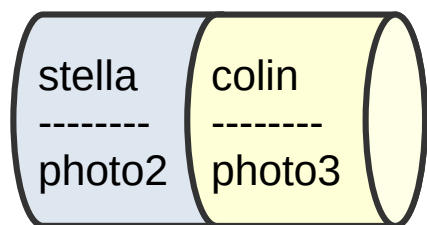
+

Key	Value
stella	["photo1","photo3"]
colin	["photo2"]

=

Key	Value
stella	{name: "stella", photos: ["photo1", "photo3"]}

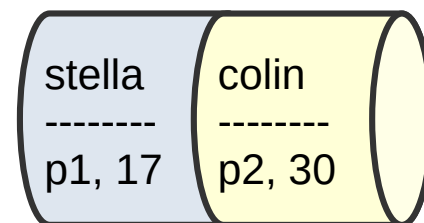
table-table join



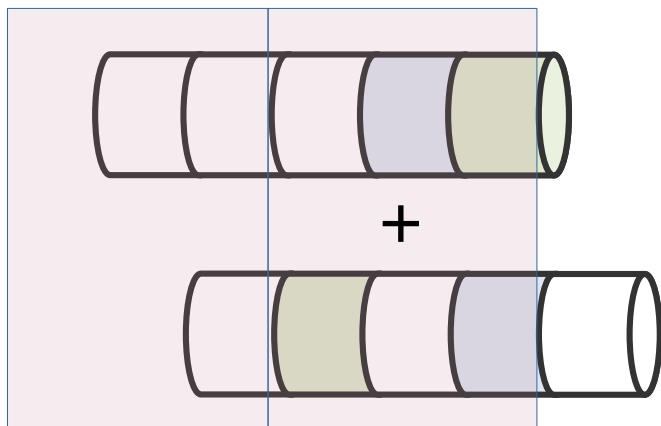
+

Key	Value
stella	{"age": "17"}
colin	{"age": "30"}

=



stream-table join



=



stream-stream join