

Cloud Project

2017/7/14 Group: a3x

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Motivation

- The need of searching actors or other famous person when watching foreign dramas or news
 - * Especially all the friends of you is talking about such specific topic

Motivation

—example

- For Chinese People watching Japanese Drama
- Who are they? How to search?

有哪些日本男明星比较符合中国的大众审美?

《白线流》系列先后拍了十年，讲述一群高中时候志同道合的好友成长的故事。虽然剧中的优介（柏原崇）和园子（酒井美纪）最终并没有走到一起，但是那些纯白的心事依旧是年少时深藏在心里的羞涩而珍贵的宝藏.....



▲ 589 ▼

● 94 条评论

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❤ 感谢

...

收起 ^

刘看
侵权
违法
联系

Motivation

- Who are they? How to search?



Who is this near the Japan prime minister?

Motivation

- Who are they? How to search?



Motivation

- Who are they? How to search?

A3X Group

Done

Upload File

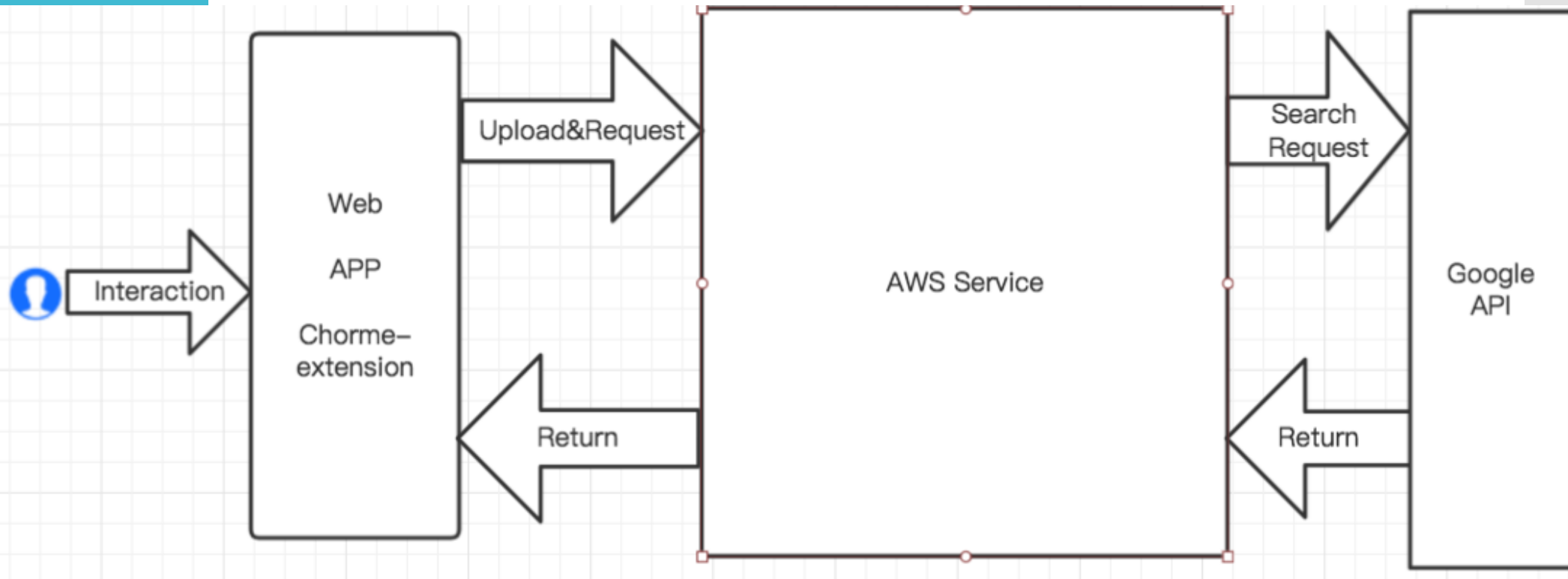
Tony Abbott

- [Tony Abbott is not Voldemort, he's Peeves. Please get your Harry ...](#)
- [Former Australia PM Tony Abbott defends Donald Trump's ...](#)
- [Tony Abbott declares Australian election victory for Coalition | World ...](#)
- [How Australia's winking Tony Abbott became one of the world's most ...](#)
- [Tony Abbott out as Australian Prime Minister - CNN.com](#)
- [Tony Abbott, Ousted Australian Leader, Urges Europe to Take Hard ...](#)
- [Tony Abbott is out of a job, and another leading climate-change ...](#)
- [Tony Abbott flies economy from Canberra to Sydney | Daily Mail ...](#)
- [Lally Weymouth: An interview with Australia Prime Minister Tony ...](#)
- [Why Tony Abbott Axed Australia's Carbon Tax - The New York Times](#)

Plan of our Service

- Input: The User can Upload/Capture a picture of a well-known face
- Output: The current circumstance in this picture & The recent news about this person

System Structure

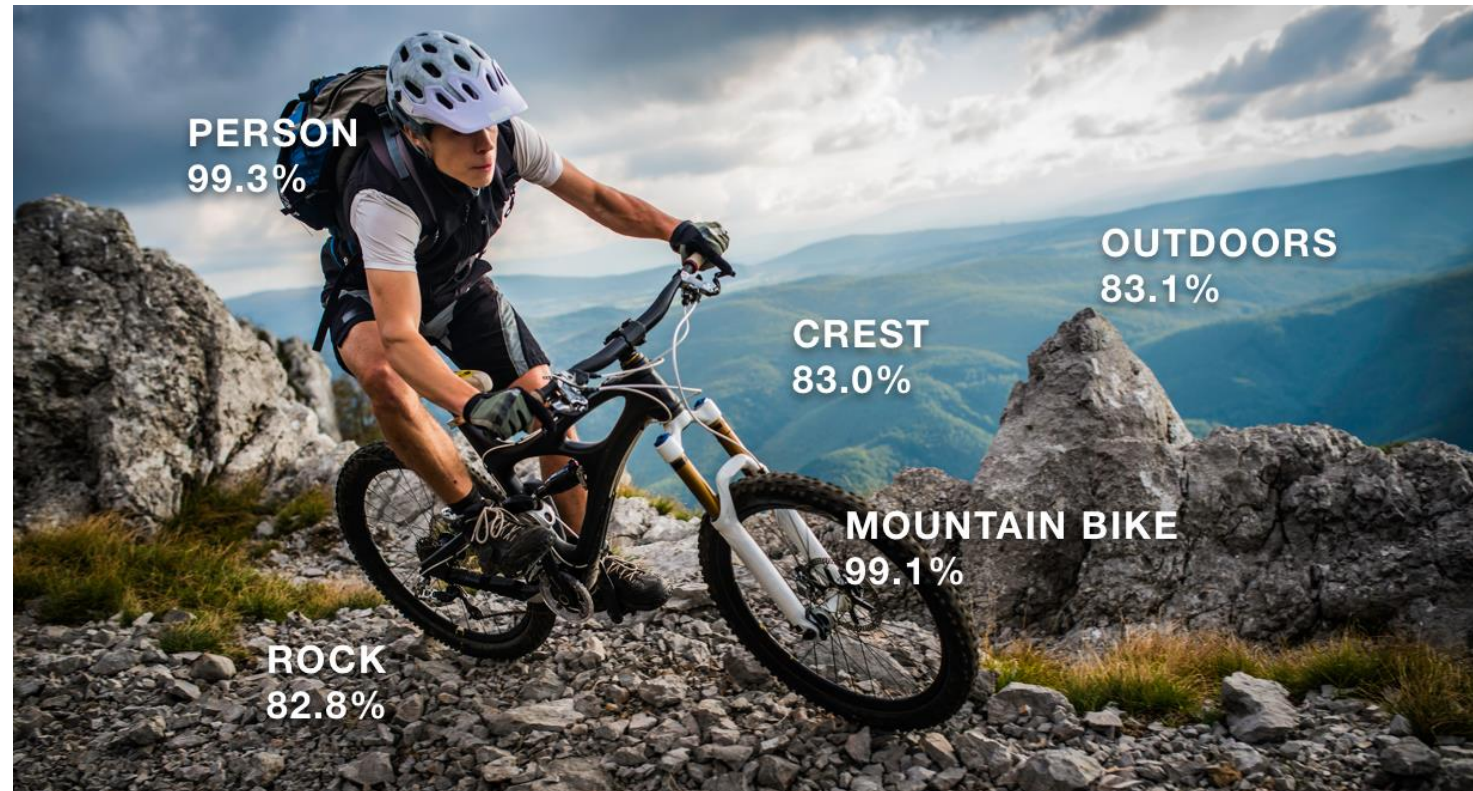


Using AWS Service

- AWS Rekognition
- AWS API Gateway
- AWS S3
- AWS lambda

AWS Rekognition

- Deep Learning for Image Detection
- Can recognize the face of famous persons



AWS S3

- Amazon Simple Storage Service (Amazon S3) is storage for the Internet. We can use Amazon S3 to store and retrieve any amount of data at any time, from anywhere on the web.

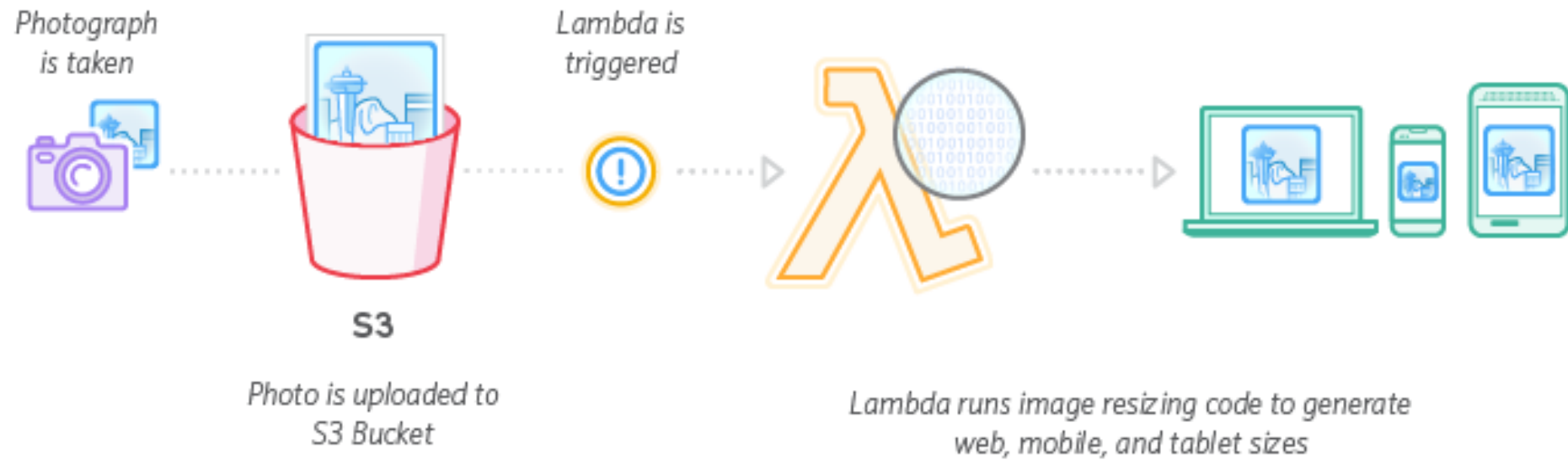
AWS API Gateway

- Amazon API Gateway is a fully managed service for APIs
- Can create an API that acts as a “front door” for applications to access data, business logic, or functionality from your back-end services, such as EC2 or AWS Lambda, or any Web application.

AWS Lambda

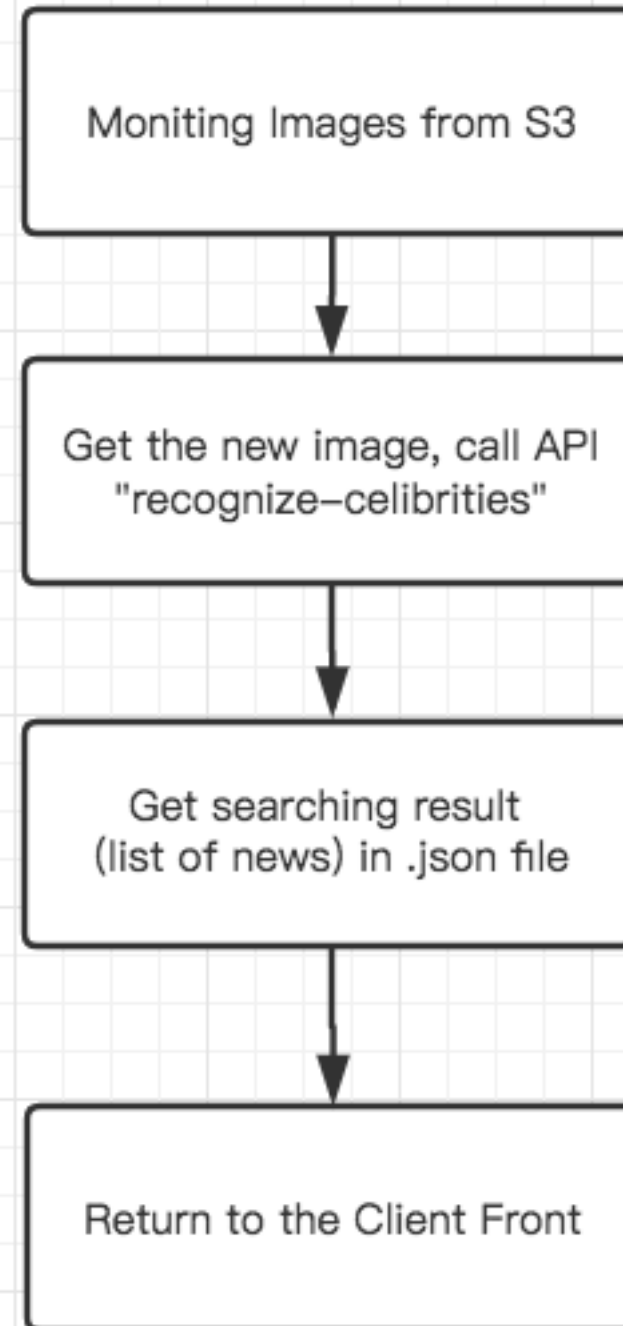
- Amazon Lambda is like a real-time pipeline that can handle data transmission and other activities.
- We can use AWS Lambda to run your code in response to events, such as changes to data in an Amazon S3 bucket, and to run your code in response to HTTP requests using Amazon API Gateway.
- <https://aws.amazon.com/cn/lambda/>

AWS Lambda

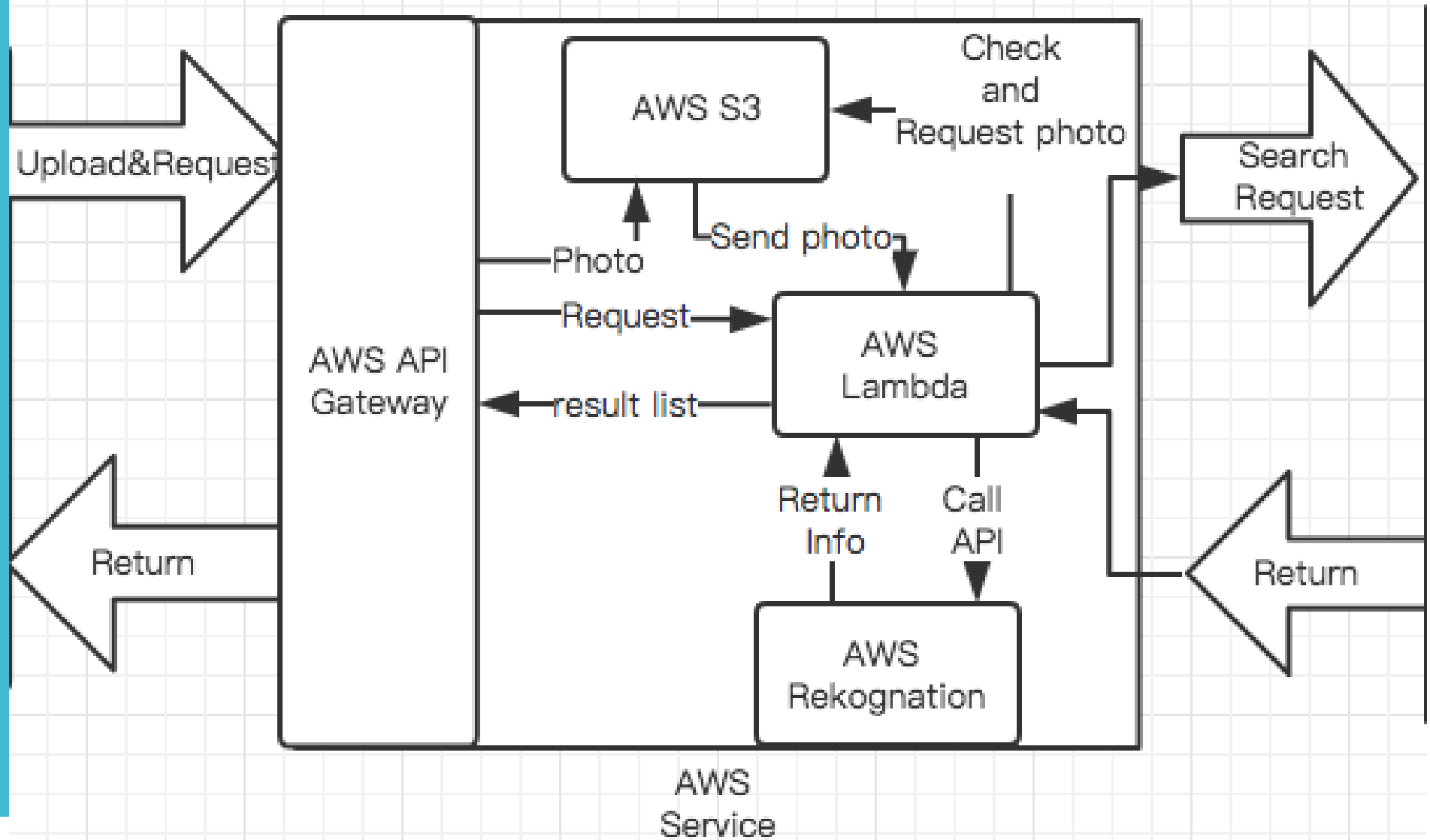


AWS Lambda

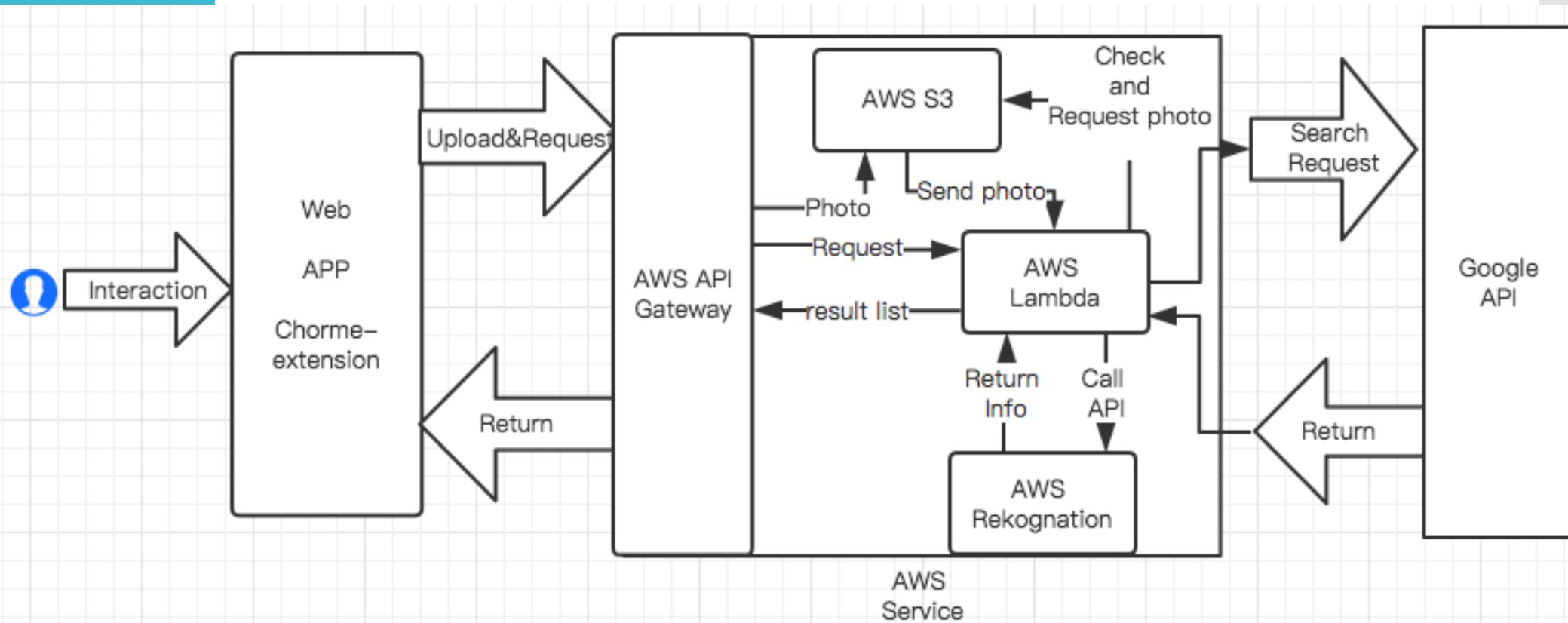
Code Structure



System Structure (in AWS)



System Structure



Advantages

- * Feed the need of searching persons by picture
- * Easy to use, enough information
- * Robust with AWS services

Disadvantages

- * * Not convenient to get pictures to upload
- * * No specific searching

Prototype

Q&A

52.192.41.232:3000/

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