

# Async S3 client

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# Introduction

- ▶ AWS S3 SDK's doesn't provide streaming API's for PUT/GET
- ▶ No Async API support in SDK

## PUT

```
int InitStreamingPut(string bucketname,  
                    string keyName,  
                    int contentLength,  
                    callbackHandler);  
void SendS3Data(int txn, IOBuf data);  
void FinishStreamingPut(int txn);
```

## GET

```
void StreamingGetObject(string bucketname,  
                        string keyName,  
                        callbackHandler);  
// callbackHandler will be called multiple times
```

# Open Source Libraries Used

- ▶ proxygen : Used for building HTTP servers, proxies, and clients
- ▶ folly : similar to boost and std

# Thank You