Tweeter Milestone 4 Post Status Architecture Diagram

Client Module

ServerFacade → **ClientCommunicator** → **json.Serializer**

Services should still implement the proxy pattern. There just wasn't room in this diagram to show the interfaces and proxy classes.

API Gateway
(post status endpoint)

Return a success message after updating the story and posting a message to the SQS Post Status Queue (even though the individual followers' feeds will be updated later--asynchronously).

<<lambda>> PostStatus

Triggered by a message posted to the SQS Post Status Queue. Reads followers for the user who posted the status and writes batch messages to the SQS Update Feed Queue. Reads of followers are paged.

StoryServiceImpl

StoryDAO

<<lambda>> PostUpdateFeedMessages

SQS Post Status Queue

FollowServiceImpl

SQS Update Feed Queue

<<lambda>> UpdateFeeds

FollowDAO

FeedServiceImpl

DynamoDB

FeedDAO