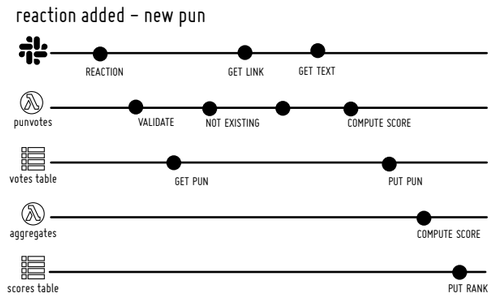
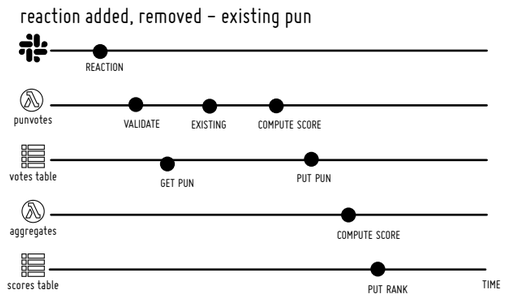
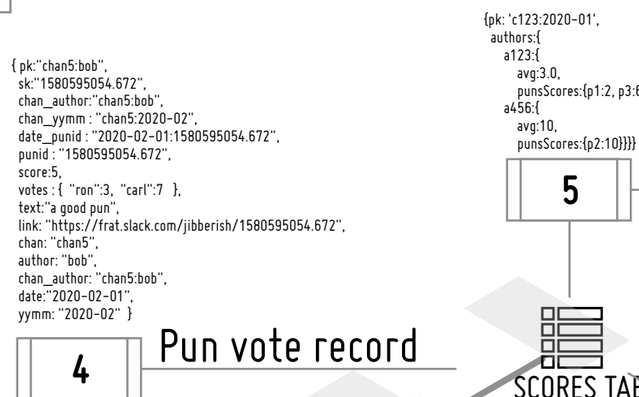




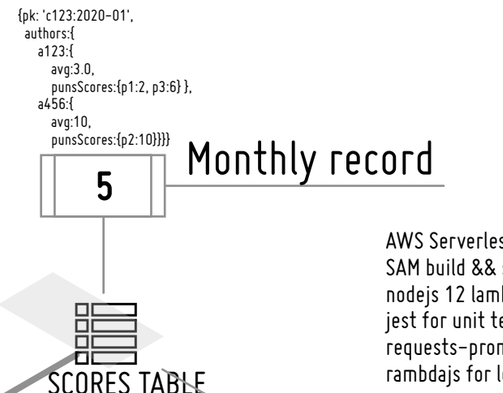
2 Write sequence

GET one record	{ TableName: VOTESSTABLE, Key: { pk:chan_author, sk:msg_id }}	GET monthly ranks	{ TableName: SCORES_TABLE, Key:{ pk: `${chan}:${yymm}` }}	GET ranks ever	{ TableName: MONTHLY_SCORES_TABLE, Key:{ pk:chan} }
QUERY rank ever	{ TableName: VOTESSTABLE, IndexName: "Top10Ever", ScanIndexForward: false, Limit:10, KeyConditionExpression: 'chan = :chan', ExpressionAttributeValues: { ':chan': chan}}	QUERY worse author	{ TableName: VOTESSTABLE, IndexName: "AuthorsTop10", Limit:1, KeyConditionExpression: 'chan_author = :hkey', ExpressionAttributeValues: { ':hkey': `${chan}:${author}`}}	QUERY top10 author	{ TableName: VOTESSTABLE, IndexName: "AuthorsTop10", ScanIndexForward: false, Limit:10, KeyConditionExpression: 'chan_author = :hkey', ExpressionAttributeValues: { ':hkey': `${chan}:${author}`}}
QUERY worse ever	{ TableName: VOTESSTABLE, IndexName: "Top10Ever", Limit:1, KeyConditionExpression: 'chan = :chan', ExpressionAttributeValues: { ':chan': chan}}	QUERY worse month	{ TableName: VOTESSTABLE, IndexName: "Top10month", Limit:1, KeyConditionExpression: 'chan_yymm = :hkey', ExpressionAttributeValues: { ':hkey': `${chan}:${yymm}`}}	QUERY top10- month	{ TableName: VOTESSTABLE, IndexName: "Top10month", ScanIndexForward: false, Limit:10, KeyConditionExpression: 'chan_yymm = :hkey', ExpressionAttributeValues: { ':hkey': `${chan}:${yymm}`}}

3 Reads



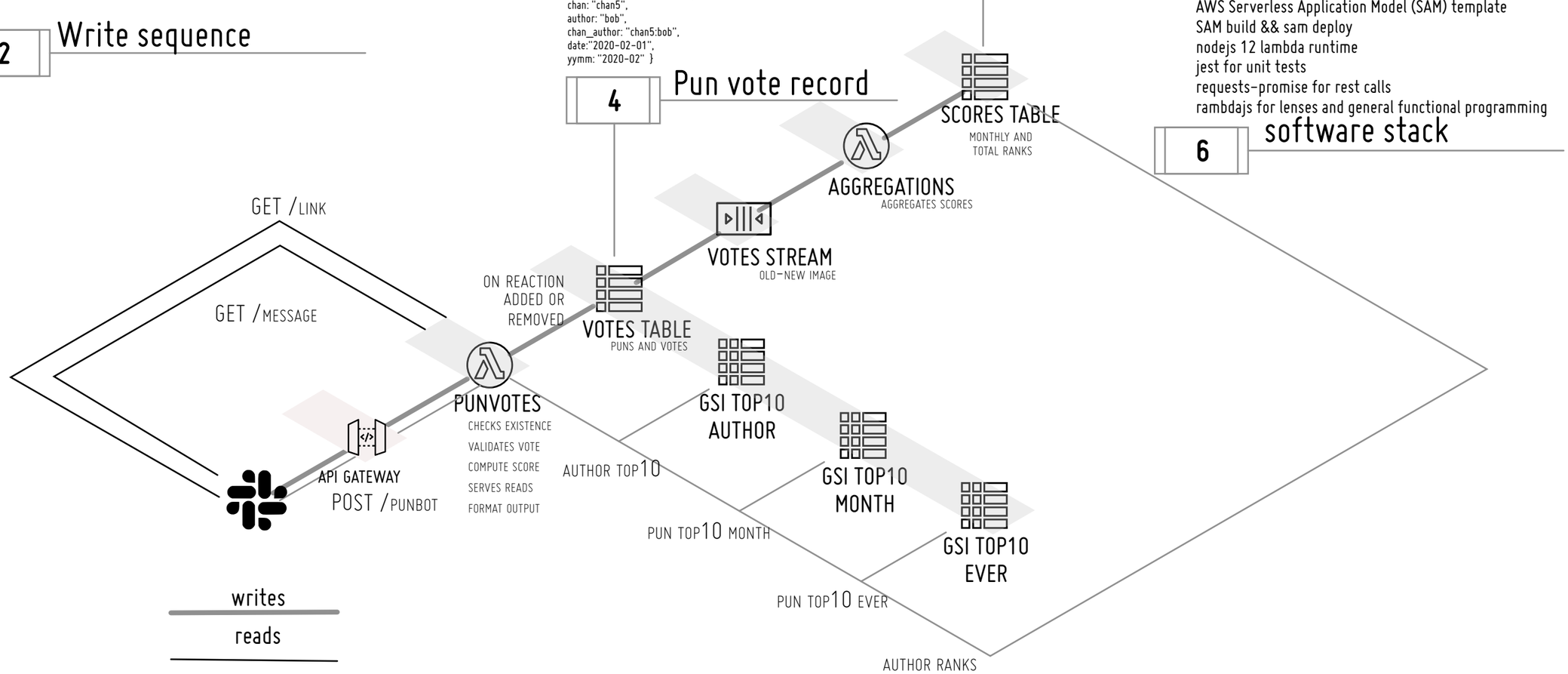
4 Pun vote record



5 Monthly record

6 software stack

AWS Serverless Application Model (SAM) template
SAM build && sam deploy
nodejs 12 lambda runtime
jest for unit tests
requests-promise for rest calls
rambdajs for lenses and general functional programming



1 Base construction plan

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PUNBOT +

PUNBOT + A BOT FOR TRACKING PUN SCORES
MADE FOR THE FRATHOUSE – THEFRATHOUSE.SLACK.COM

construction plan

A-1