

Advice Bot Design

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Bot Features and Rules:

Once user initiates conversation with the bot, they will be welcomed and prompted to either ask a question or answer a question. A user can have up to N outgoing messages, each indexed in case the user wishes to edit or cancel an open question. Each received question or advice text will have a reply ID, which the user can use to reply at most convenient.

commands:

@help - lists all other commands

@ask < *question* > || "new question" etc. - asks new question

@answer|| "I would like to Answer a question" etc - serves user a question

@delete< *QuestionID* > || "delete ID"

@alter< *QuestionID* > || "I would like to change question ID"

@reply < *replyID* >, < *advice* > || "reply ID: blah blah blah"

@block < *replyID* > || "block RID"

Database:

User(facebookID,numQuestions,numAnswers,numBans)

Questions(facebookID, questionText, questionIndex)

SeekingQuestion(facebookID) UserBlackList(UserID,bannedID)

Banned(facebookID, length)

modules:

Databse API

Language Processor

Main app file

Question Dist Alg:

When a new question is asked, i add it to the database. I will thread my program so that it will try to match the TOP question on the database to an available person while also being available for POST requests.