Question answering based dialogue

QA based dialogue is pretty mature

Mature because it draws on IR and web search

Successful examples
        * IBM Watson
        * Google Quick Answers

Forms
        * Structured knowledge (structured query)
        * Free text knowledge (NLU)
        * Hybrid

Typical pipeline:
        * Question analysis
        * Answer (passage) production
        * Passage analysis
        * Answer scoring & merging