GOAL: Google-meets-Excel-meets-SIRI
An integrated environment to support humans in solving complex, knowledge-intensive tasks

High-level requirements
• Can provide intelligent support and assistance, both for routine procedures and new tasks
• Can offer systematic production of data that is verifiably attributable to its source
• Can perform logical reasoning over knowledge (as opposed to mere statistical operations on words)
• Able to learn from user interactions and ultimately generalize to arbitrary tasks
• Intuitive, easy-to-use, and shields the user from the complexities of the underlying processes

COMPONENTS

EVALUATION
End-to-end evaluation
• Ability to help users accomplish a task from start to finish
• Implement the system as a public demostrator that operates as a living labs platform

Component-level evaluation
• Purpose-built resources
• Community-based benchmarking campaigns

USE-CASES
• Travel planning
• Shopping
• Setting up a work force

INFORMATION NEEDS

ENVISAGED USER INTERFACE

UI ELEMENTS
(A) Single search box (possibly with voice input)
(B) Conversational interface
(C) Source documents
(D) Spreadsheets
   (a) sorting, filtering
   (b) adding columns
   (c) further details and task-specific actions
(E) Additional custom, task-specific views