Conference Helper BDI Agent

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Conference Helper BDI Agent,

- Prepares a schedule and makes necessary arrangements
    - **Buys tickets** for concert, sports matches, etc.
    - Fills each slot in the schedule with **one event only**
    - Constructs the schedule **according to desires**

Conference Helper BDI Agent Features

- **Adaptive** to on-the-fly changes in desires
    - e.g. meeting new people
- Implemented in **Java**
    - No 3rd party libraries
- Periodically, **updates its beliefs** according to its surrounding agents
    - Conference changes the paper presentation date,
    - Concert is canceled etc.

1. **BELIEFS**
   - @ Mon Jul 16 morning : Art Gallery
2. **FUTURE INTENTIONS**
   - Paper Date @ Thu Jul 19 morning [RELATED TO : Present the paper]
3. **COMPLETED INTENTIONS**
   - Art Gallery @ Mon Jul 16 morning [RELATED TO : Go to art museum stuff]
4. **SATISFIED DESIRES**
   - 7. Go to art museum stuff
5. **FUTURE DESIRES**
   - 0. Present the paper
6. **FUTURE DESIRES TO FORGET ABOUT**
   - 5. NOT have free time
7. **Current Date**
   - Mon Jul 16 evening

	09:00	**18:00**
July 16	Paper Date Art Gallery	Concert Festival
July 17	Basketball Match Campus Tour Cinema	
July 18	Museum Tour	
July 19		Theatre Bicycle Tour in Vondelpark
July 20	Bicycle Tour in Vondelpark	Conference Dinner
July 21	Shopping	

Table: All Beliefs at Epoch July 16, 09:00

	09:00	**18:00**
July 16	Paper Date Art Gallery	Concert Festival
July 17	Basketball Match Campus Tour Cinema	
July 18	Museum Tour	
July 19		Theatre Bicycle Tour in Vondelpark
July 20	Bicycle Tour in Vondelpark	Conference Dinner
July 21	Shopping	

Table: The Best Plan at Epoch July 16, 09:00

- Assumes two desires can not have **the same rank**
- **Quantify** desires
- Read scenarios from **text files**
- **Multiple-date** events
- **Table** output

PROCEED TO DEMONSTRATION