Definitions

Volunteers can indicate their availability with two types of timeslot:

* Timeslot: a period of time with a start time and an end time. Both times are bound to the same day. The start time must be earlier in the day than the end time.
* Reoccurring availability timeslot: a timeslot when a volunteer is or is not available which repeats every week. Examples: Bob is available on Tuesdays from 7:00-10:00 PM. Bob is unavailable on Sundays from 10:00 AM-10:00 PM.
* Exceptional availability timeslot: a timeslot with no reoccurrence. A volunteer may or may not be available at this time. Examples: Bob is available on December 13, 2013 from 5:00-10:00 PM. Bob is unavailable on December 14, 2013 from 12:00 AM-11:59 PM.

Input Domain (16a-1, 16a-2)

* Reoccurring availability timeslot
  + Required parameters
    - Day <DayOfWeek> - the day of week for this availability period
    - StartTime <Time> - the start time for this availability period
    - EndTime <Time> - the end time for this availability period
    - Available <Boolean> true if volunteer is available during this time span, false if unavailable
  + Optional parameters
    - Comment <Text> - a place for the volunteer to indicate a reason for the availability, e.g., “Tuesday nights I have school, so I cannot volunteer.”
* Exceptional availability timeslot
  + Required parameters
    - Date <Date> - a calendar date for this availability period, e.g. Jan 1 2014.
    - StartTime <Time> - the start time for this availability period
    - EndTime <Time> - the end time for this availability period
    - Available <Boolean> true if volunteer is available during this time span, false if unavailable
  + Optional parameters
    - Comment <Text> - a place for the volunteer to indicate a reason for the availability, e.g., “Tuesday nights I have school, so I cannot volunteer.”