## **Using YAML for Twitter Templates and Mapping Files**

## 1. Template Details

In the context of a conference event, we categorize activities into three stages: Before Conference, During Conference, and After Conference. Each of these stages is defined by two separate YAML files for Twitter templates: sequence.yaml and random.yaml. The templates in sequence.yaml are processed sequentially, while those in random.yaml can be executed in any order multiple times.

The format of each template is structured as follows:

yaml

template\_name: CallForPapersTemplate account\_type: ConferenceAccount

min\_duration: 3 max\_duration: 3.5 frequency: 0.5

body: We extend a warm invitation to researchers and scholars to participate in [Conference] by submitting your papers to different tracks. Share your pioneering research and valuable insights with the academic community. Don't miss this opportunity to make a meaningful contribution to the success of the conference! The submission deadline is approaching soon.

## **Explanation:**

- •account\_type signifies that the tweet is from a conference account (e.g., @iswc\_conf).
- •min\_duration and max\_duration define the time window for the tweet (3 to 3.5 months from a given time).
- •frequency controls the tweet generation probability (0.5).
- •body contains the actual tweet text with placeholders for dynamic content.

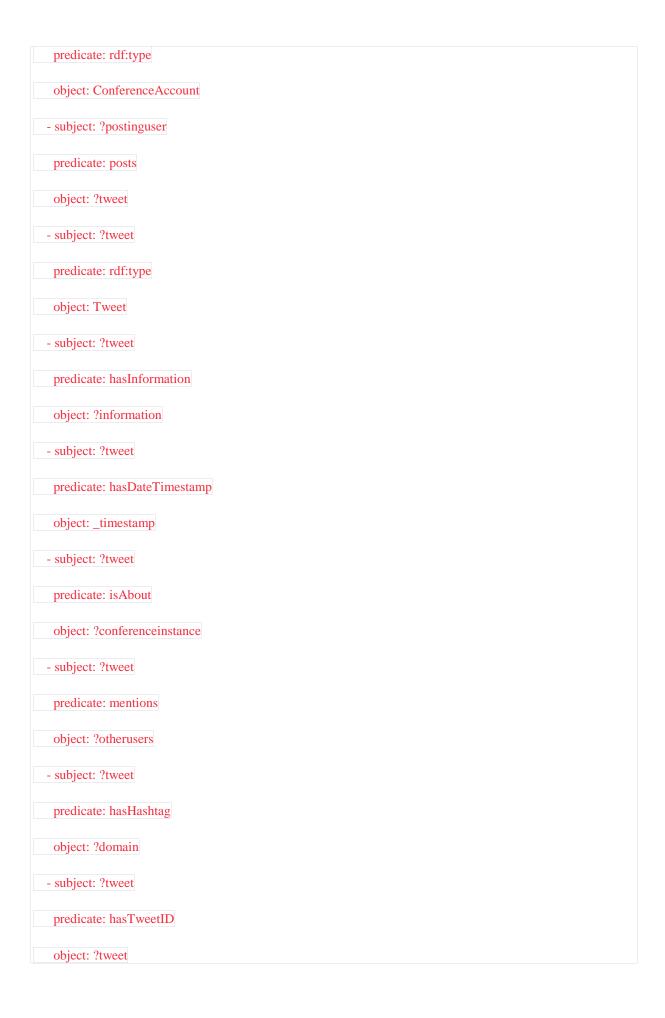
## 2. Mapping Files

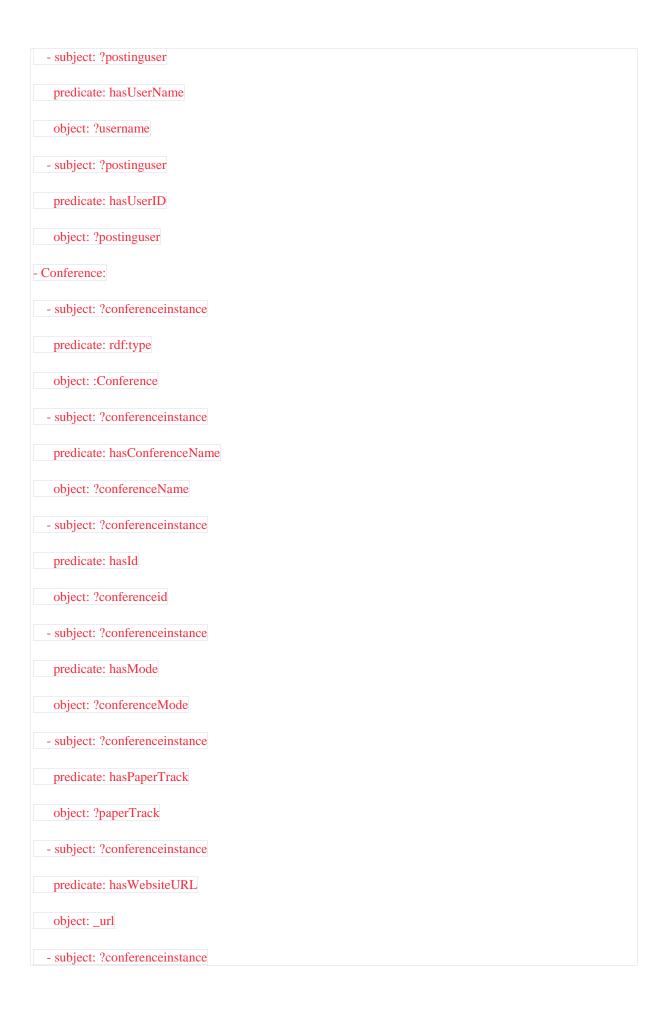
The mapping.yaml file is utilized based on the placeholders present in each tweet template. It consists of triples associated with each placeholder. For example:

yaml

- ConferenceAccount:

- subject: ?postinguser





predicate: hasLocation

object: ?location

For a specific tweet, all the defined triples will be generated.