

Troubleshooting Guide for Dialogflow to Rasa Migration

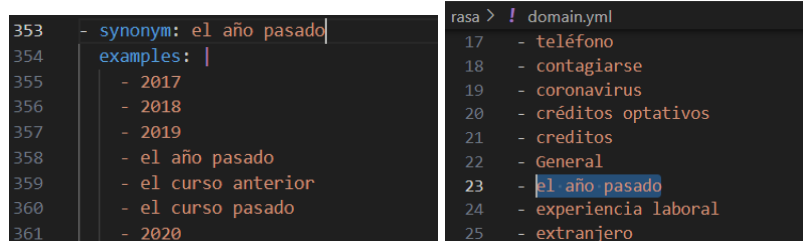
YamlValidationException Errors

Problem Description: Encounter errors related to numeric entities during training.

```
YamlValidationException: Failed to validate
'/mnt/c/Users/natas/Desktop/Workspace/Dialogflow-to-Rasa-Migration-Tool/rasa/domain.yml'. Please make
sure the file is correct and all mandatory parameters are specified. Here are the errors found during validation:
in /mnt/c/Users/natas/Desktop/Workspace/Dialogflow-to-Rasa-Migration-Tool/rasa/domain.yml:103:
  Value '2018' is not a dict. Value path: '/entities/0'
in /mnt/c/Users/natas/Desktop/Workspace/Dialogflow-to-Rasa-Migration-Tool/rasa/domain.yml:103:
  Value '2018' is not of type 'str'. Path: '/entities/0'
```

Solutions:

- Treating as a Slot: You can consider treating the numeric entity as a slot within Rasa.
- Renaming Entity: Alternatively, rename the numeric entity to a textual synonym in both synonyms.yml and domain.yml files.



```
353 - synonym: el año pasado
354   examples: |
355     - 2017
356     - 2018
357     - 2019
358     - el año pasado
359     - el curso anterior
360     - el curso pasado
361     - 2020

rasa > ! domain.yml
17 - teléfono
18 - contagiarse
19 - coronavirus
20 - créditos optativos
21 - créditos
22 - General
23 - el año pasado
24 - experiencia laboral
25 - extranjero
```

- Delete Entity: If the entity is not important for your dialogue management or training, you can simply remove it from both synonyms.yml and domain.yml files. This solution is best suited when the entity does not play a crucial role in your conversational flows.

Stories File Issues

Problem Description: If your stories.yml file contains unnamed stories or intents not part of the domain, Rasa's training process (rasa train) will issue warnings and may ignore the problematic stories.

```
/home/natasha_tsr-linux/anaconda3/envs/rasa3.5/lib/python3.10/site-packages/rasa/shared/utils/io.py:98:
UserWarning: Issue found in 'data/stories.yml':
{'story': None, 'steps': [{'intent': 'greet'}, {'action': 'utter_greet'}]}
The story has an empty name. Stories should have a name defined under 'story' key. It will be skipped.
More info at https://rasa.com/docs/rasa/stories
/home/natasha_tsr-linux/anaconda3/envs/rasa3.5/lib/python3.10/site-packages/rasa/shared/utils/io.py:98:
UserWarning: Issue found in 'data/stories.yml':
Found intent 'greet' in stories which is not part of the domain.
More info at https://rasa.com/docs/rasa/stories
```

Solutions:

- Ensure all stories in stories.yml are named and contain only intents that are defined within the domain. Clean up the file to remove any unnamed stories or extraneous intents.

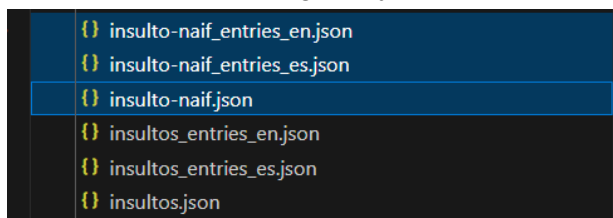
Synonym Consistency Problems

Problem Description: Inconsistencies in entity synonyms across files may lead to warnings during the training process.

```
/home/natasha_tsr-linux/anaconda3/envs/rasa3.5/lib/python3.10/site-packages/rasa/shared/utils/io.py:98:
UserWarning: Found inconsistent entity synonyms while reading markdown, overwriting uni->beca with
uni->Universidad during merge.
```

Solutions:

- File Review: Search for files named ‘_entries.json’ for overlapping synonyms.
- Merge or Delete: Consider merging duplicate synonym files or deleting one of the files to resolve inconsistencies. If you decided to delete one of the files, ensure you delete its corresponding entity file:



- Also you can just delete the overlapping synonym from one of the files.
- If you modify the JSON files, rerun the migration script to apply changes.