Descriptions of Example Attributes

<u>Note:</u> Each example is a different context-question combination. If a context has 8 questions, there will be 8 examples in a row with the same context paragraph.

example[n].qas_id:

- unique identifier where the first part references the context paragraph and is concatenated with '_q#i' where i = index of the given question for that paragraph
- for example:
 - ► 'C_5ab583f64dbb47b995cf59328ea0af43_1_q#0': qas_id for first paragraph and first question for that paragraph
 - ► 'C_5ab583f64dbb47b995cf59328ea0af43_1_q#1': qas_id for first paragraph and second question for that paragraph
 - below examples are with respect to this specific example, example [1]

• example[n].question_text:

- untokenized text for the current question
- o example[1].doc_tokens:
 - ▶ question_text: did they have any children?

example[n].doc tokens:

- untokenzied text for the context paragraph; will be the same for several consecutive examples if a paragraph has several questions paired with it (which they all should)
- ALWAYS end with 'CANNOTANSWER' so that there is a word in the context paragraph to map to
 if a question is unanswerable
- example[1].doc_tokens:
 - * doc_tokens: [In May 1983, she married Nikos Karvelas, a composer, with whom she collaborated in 1975 and in November she gave birth to her daughter Sofia. After their marriage, she started a close collaboration with Karvelas. Since 1975, all her releases have become gold or platinum and have included songs by Karvelas. In 1986, she participated at the Cypriot National Final for Eurovision Song Contest with the song Thelo Na Gino Star ("I Want To Be A Star"), taking second place. This song is still unreleased up to date. In 1984, Vissi left her record company EMI Greece and signed with CBS Records Greece, which later became Sony Music Greece, a collaboration that lasted until 2013. In March 1984, she released Na 'Hes Kardia ("If You Had a Heart"). The album was certified gold. The following year her seventh album Kati Simveni ("Something Is Happening") was released which included one of her most famous songs, titled "Dodeka" ["Twelve (O'Clock)"] and reached gold status selling 80.000 units. In 1986 I Epomeni Kinisi ("The Next Move") was released. The album included the hit Pragmata ("Things") and went platinum, becoming the best selling record of the year. In February 1988 she released her ninth album Tora ("Now") and in December the album Empnefsi! ("Inspiration!") which went gold. In 1988, she made her debut as a radio producer on ANT1 Radio. Her radio program was titled after one of her songs Ta Koritsia Einai Atakta ("Girls Are Naughty") and was aired every weekend. In the same year, she participated with the song Klaio ("I'm Crying") at the Greek National Final for Eurovision Song Contest, finishing third. In 1989, she released the highly successful studio album Fotia (Fire), being one of the first albums to feature western sounds. The lead single Pseftika ("Fake") became a big hit and the album reached platinum status, selling 180.000 copies and becoming the second best selling record of 1990. She performed at "Diogenis Palace" in that same year, Athens's biggest nightclub/music hall at the time. CANNOTA

example[n].start position:

- start index of the answer in the .doc_tokens with respect to the current question (the one is .question text)
- example[1].start_position:
 - ► start_position: 16
 - 'in November she gave birth to her daughter Sofia'

example[n].end position:

- end index of the answer in the .doc_tokens with respect to the current question (the one is .question text)
- example[1] end_position::
 - ▶ end_position: 24
 - ▶ 'in November she gave birth to her daughter **Sofia**.'

• example[n].history answer markers:

- o '1' at index where any historical answer is located, '0' elsewhere
- o example[1].history_answer_markers:

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0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
                    0, 0, 0, 0, 0,
                           0, 0,
                              0,
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0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
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0, 0, 0, 0, 0, 0, 0,
             0, 0, 0, 0, 0,
                    0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
                                   0,
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• there is only 1 asnwer history at this point since this is the second question for this paragraph, and we can see that the previous question's answers span (0-8) of the .doc tokens

• example[n].metadata:

- 'turn':
 - > starts at '1' and indicates whether the current question (in question text) is the first, third, eighth, etc question for the current paragraph
 - examples[1].metadata['turn']
 - "turn": 2
- o 'history turns':
 - ▶ list of 'turn 1' ints; e.g. if we are on turn 8, it's [1, 2, 3, 4, 5, 6, 7]
 - examples[1].metadata['history_turns']
 "history_turns": [1]
- 'tok history answer markers':
 - ▶ list of lists of each historical answer's location in the doc tokens, where 1 = the word at that index part of a historical answer and 0 means it's not
 - examples[1].metadata['tok_history_answer_markers']
 - 0, 0. 0, 0. 0, 0,
 - we can see that there is only one list because we only have one historical answer; if we had more, there would be multiple lists, basically, historical answer markers is a combination of all of these lists

• 'followup':

- 'y', 'n', or 'm'
- whether or not there should, shouldn't, or could be a follow-up question asked after this

'vesno':

- 'y' or 'x'
- whether the current question is a yes or no question

o 'history_turns_ text':

- ▶ list of lists of strings; historical questions and their answers
- examples[1].metadata['history_turns_text']
 "history_turns_text": [["what happened in 1983?", "In May 1983, she married Nikos Karvelas, a composer,"]]