formaat:

(“**source**-head-sentence-ID”:..., “**source**-head-word-ID”:...) ,

“**relation-type**”: … ,

(“**target**-head-sentence-ID”:... , “**target**-word-ID”:...)

* (0,3) ‘flow’ (0,4)
* (0,3) ‘same gateway’ (0,7)
* (0,3) ‘flow’ (0,8)
* (0,4) ‘actor performer’ (0,[0,1,2])
* (0,4) ‘uses’ (0,[5,6])
* (0,4) ‘flow’ (1,1)
* (0,8) ‘actor performer’ (0,[0,1,2])
* (0,8) ‘uses’ (0,[9,10])
* (0,8) ‘flow’ (1,0)
* (1,0) ‘flow’ (1,7)
* (1,1) ‘actor recipient’ (0,[0,1,2])
* (1,1) ‘flow’ (1,0)
* (1,1) ‘uses’ (1,[2,3]
* (1,7) ‘uses’ (1,5)
* (1,7) ‘actor performer’ (1,[9,10,11])
* (1,7) ‘flow’ (2,4)
* (2,4) ‘actor performer’ (2,[0,1,2])
* (2,4) ‘uses’ (2,[5,6])

FULL FORMAT:

{

"source-head-sentence-ID": [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 2, 2],

"source-head-word-ID": [3, 3, 3, 4, 4, 4, 8, 8, 8, 0, 1, 1, 1, 7, 7, 7, 4, 4],

"relation-type": ["flow", "same gateway", "flow", "actor performer", "uses", "flow", "actor performer", "uses", "flow", "flow", "actor recipient", "flow", "uses", "uses", "actor performer", "flow", "actor performer", "uses"],

"target-head-sentence-ID": [0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 2, 2, 2],

"target-head-word-ID": [4, 7, 8, [0, 1, 2], [5, 6], 1, [0, 1, 2], [9, 10], 0, 7, [0, 1, 2], 0, [2, 3], 5, [9, 10, 11], 4, [0, 1, 2], [5, 6]]

}

FULL FORMAT (only heads):

{

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"source-head-word-ID": [3, 3, 3, 4, 4, 4, 8, 8, 8, 0, 1, 1, 1, 7, 7, 7, 4, 4],

"relation-type": ["flow", "same gateway", "flow", "actor performer", "uses", "flow", "actor performer", "uses", "flow", "flow", "actor recipient", "flow", "uses", "uses", "actor performer", "flow", "actor performer", "uses"],

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"target-head-word-ID": [4, 7, 8, 0, 5, 1, 0, 9, 0, 7, 0, 0, 2, 5, 9, 4, 0, 5]

}

PET FORMAT relations:

{

"document name": "doc-20.4 - procurement process",

"tokens": [

"The", "product", "manager", "simultaneously", "requests", "product", "quotes", "and", "evaluates", "delivery", "options", ".",

"After", "receiving", "all", "quotes", ",", "they", "are", "evaluated", "by", "the", "product", "owner", ".",

"The", "product", "manager", "then", "signs", "a", "contract", "."

],

"tokens-IDs": [

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11,

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,

0, 1, 2, 3, 4, 5, 6, 7

],

"ner\_tags": [

"B-Actor", "I-Actor", "I-Actor", "B-AND Gateway", "B-Activity", "B-Activity Data", "I-Activity Data", "B-AND Gateway", "B-Activity", "B-Activity Data", "I-Activity Data", "O",

"B-AND Gateway", "B-Activity", "B-Activity Data", "I-Activity Data", "O", "B-Activity Data", "O", "B-Activity", "O", "B-Actor", "I-Actor", "I-Actor", "O",

"B-Actor", "I-Actor", "I-Actor", "O", "B-Activity", "B-Activity Data", "I-Activity Data", "O"

],

"sentence-IDs": [

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"relations": [

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