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1 /usr/local/bin/python3.7 /Users/julienamblard/asg-
summarisation/Code/main.py -a matthew
2 ---
3 Step 1
4 ---
5 Generating positive examples from original text...
6 Parsing text to create context-specific ASG and ILASP
constants...
7                                     ROOT
8
9                                     S
10
11          _____|_____
12          |           VP
13          |           NP   |           VP
14          |           |   |           NP
15          NN          VBD   DT          NN   DT   JJ   NN   VBD   JJ
16          CC          JJ    |           |   |   |   |   |
17 matthew was      a      logic the logical logic was brown
and      formal
18
19 ['cc -> "and " {}", 'dt -> "a " {}", 'dt -> "the " {}", 'jj
-> "brown " { adjective(brown). }', 'jj -> "formal " {
adjective(formal). }', 'jj -> "logical " { adjective(
logical). }', 'nn -> "logic " { object(logic). subject(
logic). }', 'nn -> "matthew " { object(matthew). subject(
matthew). }', 'vbd -> "was " { verb(be). }']
20 ['#constant(adjective,brown).', '#constant(adjective,formal
).', '#constant(adjective,logical).', '#constant(object,
logic).', '#constant(object,matthew).', '#constant(subject,
logic).', '#constant(subject,matthew).', '#constant(verb,be
).']
21 Completing basic ASG with context-specific information...
22 Learning actions...
23
24 ---
25 Step 2
26 ---
27 Generating positive and negative examples from reference
summaries...

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28 Parsing summaries to create context-specific ASG and ILASP
constants...
29      ROOT
30      |
31      S
32      |   |
33      |       VP
34      |   |
35      NP    |   NP
36      |   |
37      NNP   VBD   DT   JJ   JJ   NN
38      |   |   |   |   |
39 Matthew was   a   formal brown logic
40
41 ['cc -> "and " {}", 'dt -> "a " {}", 'dt -> "the " {}", 'jj
-> "brown " { adjective(brown). }', 'jj -> "formal " {
adjective(formal). }', 'jj -> "logical " { adjective(
logical). }', 'nn -> "logic " { object(logic). subject(
logic). }', 'nn -> "matthew " { object(matthew). subject(
matthew). }', 'nnp -> "matthew " { object(matthew). subject(
matthew). }', 'vbd -> "was " { verb(be). }']
42 ['var_adjective(brown).', 'var_adjective(formal).', '
var_object(logic).', 'var_object(matthew).', 'var_subject(
logic).', 'var_subject(matthew).', 'var_verb(be).']
43 Completing basic ASG with context-specific information...
44 Learning summaries...
45 Listing learned summaries...
46
47 matthew was formal .
48 matthew was brown .
49 matthew was logic .
50 matthew was formal . matthew was formal .
51 matthew was formal . matthew was brown .
52 matthew was formal . matthew was logic .
53 matthew was formal . logic was formal .
54 matthew was formal . logic was logic .
55 matthew was formal . logic was brown .
56 matthew was logic . matthew was formal .
57 matthew was logic . logic was formal .
58 matthew was logic . matthew was logic .
59 matthew was logic . logic was logic .
60 matthew was logic . matthew was brown .
61 matthew was logic . logic was brown .
62 matthew was brown . matthew was formal .
63 matthew was brown . logic was formal .
64 matthew was brown . matthew was logic .
65 matthew was brown . logic was logic .
66 matthew was brown . matthew was brown .
67 matthew was brown . logic was brown .
68 logic was formal . matthew was formal .

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69 logic was formal . logic was formal .
70 logic was formal . matthew was logic .
71 logic was formal . logic was logic .
72 logic was formal .
73 logic was formal . matthew was brown .
74 logic was formal . logic was brown .
75 logic was logic . matthew was formal .
76 logic was logic . logic was formal .
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78 logic was logic . logic was logic .
79 logic was logic .
80 logic was logic . matthew was brown .
81 logic was logic . logic was brown .
82 logic was brown . matthew was formal .
83 logic was brown . logic was formal .
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85 logic was brown . logic was logic .
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87 logic was brown . matthew was brown .
88 logic was brown . logic was brown .
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92 matthew logic was logic . matthew was logic .
93 logic matthew was logic . logic was brown .
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95 logic matthew was logic . matthew was brown .
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766 matthew was brown . matthew logic logic matthew logic
matthew was formal .
767 logic was logic . logic matthew logic matthew logic was
brown .
768 logic was logic . logic matthew logic matthew logic was
formal .
769 logic was logic . logic matthew logic matthew was brown .
770 logic was logic . logic matthew logic matthew was formal
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771 logic was logic . logic matthew logic logic matthew was
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772 logic was logic . logic matthew logic logic matthew was
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773 logic was formal . logic matthew logic matthew logic was
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774 logic was formal . logic matthew logic matthew logic was
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774 formal .
775 logic was brown . logic matthew logic matthew logic was
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776 logic was brown . logic matthew logic matthew logic was
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777 logic was formal . logic matthew logic matthew was brown
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    logic was formal .
937 logic was logic . matthew matthew matthew logic logic was
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952 logic was brown . matthew matthew matthew logic logic
matthew was formal .
953 logic was logic . matthew matthew logic matthew matthew
logic was brown .
954 logic was logic . matthew matthew logic matthew matthew
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955 logic was logic . matthew matthew logic matthew matthew
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956 logic was logic . matthew matthew logic matthew matthew
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992 matthew was brown . logic matthew logic was formal .  
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matthew logic was brown .
2020 matthew logic was formal . matthew matthew matthew
matthew logic was formal .
2021 matthew logic was brown . matthew matthew matthew matthew
logic was brown .
2022 matthew logic was brown . matthew matthew matthew matthew
logic was formal .
2023 matthew logic was formal . matthew logic was brown .
2024 matthew logic was formal . matthew logic was formal .
2025 matthew logic was brown . matthew logic was brown .
2026 matthew logic was brown . matthew logic was formal .
2027 matthew logic was formal . matthew matthew logic was
brown .
2028 matthew logic was formal . matthew matthew logic was
formal .
2029 matthew logic was brown . matthew matthew logic was brown
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2030 matthew logic was brown . matthew matthew logic was
formal .
2031 matthew logic was formal . matthew matthew matthew logic
was brown .
2032 matthew logic was formal . matthew matthew matthew logic
was formal .
2033 matthew logic was brown . matthew matthew matthew logic
was brown .
2034 matthew logic was brown . matthew matthew matthew logic
was formal .
2035 matthew logic was formal . matthew matthew matthew logic
matthew was brown .
2036 matthew logic was formal . matthew matthew matthew logic
matthew was formal .
2037 matthew logic was brown . matthew matthew matthew logic
matthew was brown .
2038 matthew logic was brown . matthew matthew matthew logic
matthew was formal .
2039 matthew logic was logic . matthew matthew matthew logic
matthew logic was brown .
2040 matthew logic was logic . matthew matthew matthew logic
matthew logic was formal .
2041 matthew logic was logic . matthew matthew matthew logic
logic was brown .
2042 matthew logic was logic . matthew matthew matthew logic
logic was formal .

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2043 matthew logic was logic . matthew matthew matthew logic
    logic matthew was brown .
2044 matthew logic was logic . matthew matthew matthew logic
    logic matthew was formal .
2045 matthew logic was formal . matthew matthew matthew logic
    matthew logic was brown .
2046 matthew logic was formal . matthew matthew matthew logic
    matthew logic was formal .
2047 matthew logic was brown . matthew matthew matthew logic
    matthew logic was brown .
2048 matthew logic was brown . matthew matthew matthew logic
    matthew logic was formal .
2049 matthew logic was formal . matthew matthew matthew logic
    logic was brown .
2050 matthew logic was formal . matthew matthew matthew logic
    logic was formal .
2051 matthew logic was brown . matthew matthew matthew logic
    logic was brown .
2052 matthew logic was brown . matthew matthew matthew logic
    logic was formal .
2053 matthew logic was formal . matthew matthew matthew logic
    logic matthew was brown .
2054 matthew logic was formal . matthew matthew matthew logic
    logic matthew was formal .
2055 matthew logic was brown . matthew matthew matthew logic
    logic matthew was brown .
2056 matthew logic was brown . matthew matthew matthew logic
    logic matthew was formal .
2057 matthew logic was logic . matthew matthew logic matthew
    matthew logic was brown .
2058 matthew logic was logic . matthew matthew logic matthew
    matthew logic was formal .
2059 matthew logic was logic . matthew matthew logic matthew
    matthew was brown .
2060 matthew logic was logic . matthew matthew logic matthew
    matthew was formal .
2061 matthew logic was logic . matthew matthew logic matthew
    logic matthew was brown .
2062 matthew logic was logic . matthew matthew logic matthew
    logic matthew was formal .
2063 matthew logic was formal . matthew matthew logic matthew
    matthew logic was brown .
2064 matthew logic was formal . matthew matthew logic matthew
    matthew logic was formal .
2065 matthew logic was brown . matthew matthew logic matthew
    matthew logic was brown .
2066 matthew logic was brown . matthew matthew logic matthew
    matthew logic was formal .
2067 matthew logic was formal . matthew matthew logic matthew
    matthew was brown .
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2068 matthew logic was formal . matthew matthew logic matthew
matthew was formal .
2069 matthew logic was brown . matthew matthew logic matthew
matthew was brown .
2070 matthew logic was brown . matthew matthew logic matthew
matthew was formal .
2071 matthew logic was formal . matthew matthew logic matthew
logic matthew was brown .
2072 matthew logic was formal . matthew matthew logic matthew
logic matthew was formal .
2073 matthew logic was brown . matthew matthew logic matthew
logic matthew was brown .
2074 matthew logic was brown . matthew matthew logic matthew
logic matthew was formal .
2075