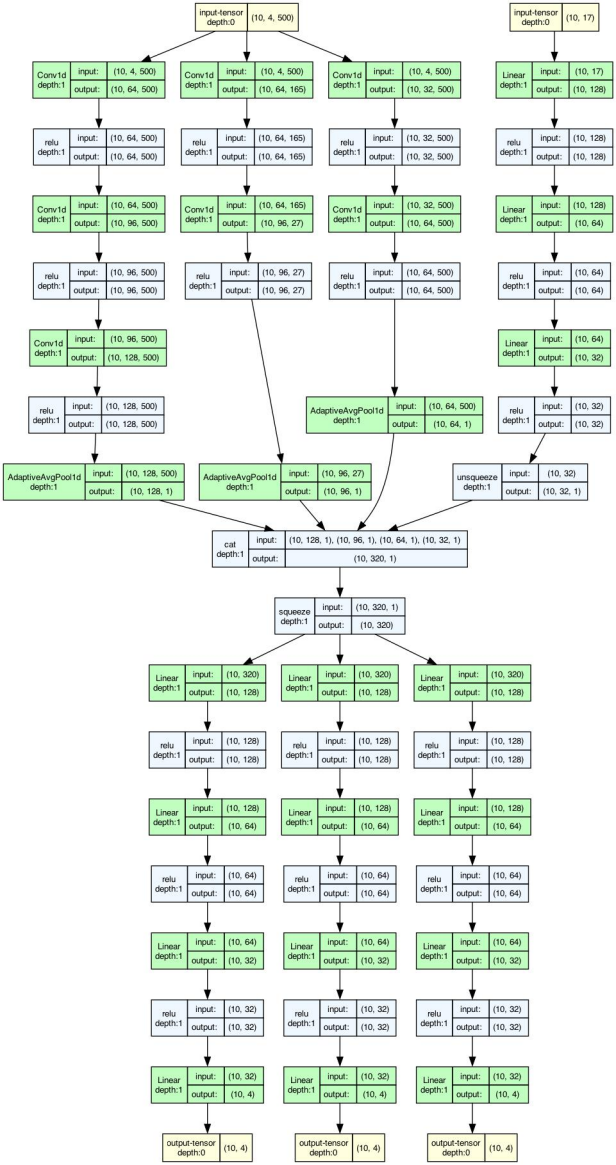
input-tensor depth:0
(10, 4, 500)
input-tensor depth:0
(10, 17)
Conv1d depth:1
input: (10, 4, 500)
output: (10, 64, 500)
Conv1d depth:1
input: (10, 4, 500)
output: (10, 64, 165)
Conv1d depth:1
input: (10, 4, 500)
output: (10, 32, 500)
Linear depth:1
input: (10, 17)
output: (10, 128)
relu depth:1
input: (10, 64, 500)
output: (10, 64, 500)
relu depth:1
input: (10, 64, 165)
output: (10, 64, 165)
relu depth:1
input: (10, 32, 500)
output: (10, 32, 500)
relu depth:1
input: (10, 128)
output: (10, 128)
Conv1d depth:1
input: (10, 64, 500)
output: (10, 96, 500)
Conv1d depth:1
input: (10, 64, 165)
output: (10, 96, 27)
Conv1d depth:1
input: (10, 32, 500)
output: (10, 64, 500)
Linear depth:1
input: (10, 128)
output: (10, 64)
relu depth:1
input: (10, 96, 500)
output: (10, 96, 500)
relu depth:1
input: (10, 96, 27)
output: (10, 96, 27)
relu depth:1
input: (10, 64, 500)
output: (10, 64, 500)
relu depth:1
input: (10, 64)
output: (10, 64)
Conv1d depth:1
input: (10, 96, 500)
output: (10, 128, 500)
Linear depth:1
input: (10, 64)
output: (10, 32)
relu depth:1
input: (10, 128, 500)
output: (10, 128, 500)
AdaptiveAvgPool1d depth:1
input: (10, 64, 500)
output: (10, 64, 1)
relu depth:1
input: (10, 32)
output: (10, 32)
AdaptiveAvgPool1d depth:1
input: (10, 128, 500)
output: (10, 128, 1)
AdaptiveAvgPool1d depth:1
input: (10, 96, 27)
output: (10, 96, 1)
unsqueeze depth:1
input: (10, 32)
output: (10, 32, 1)
cat depth:1
input: (10, 128, 1), (10, 96, 1), (10, 64, 1), (10, 32, 1)
output: (10, 320, 1)
squeeze depth:1
input: (10, 320, 1)
output: (10, 320)
Linear depth:1
input: (10, 320)
output: (10, 128)
Linear depth:1
input: (10, 320)
output: (10, 128)
Linear depth:1
input: (10, 320)
output: (10, 128)
relu depth:1
input: (10, 128)
output: (10, 128)
relu depth:1
input: (10, 128)
output: (10, 128)
relu depth:1
input: (10, 128)
output: (10, 128)
Linear depth:1
input: (10, 128)
output: (10, 64)
Linear depth:1
input: (10, 128)
output: (10, 64)
Linear depth:1
input: (10, 128)
output: (10, 64)
relu depth:1
input: (10, 64)
output: (10, 64)
relu depth:1
input: (10, 64)
output: (10, 64)
relu depth:1
input: (10, 64)
output: (10, 64)
Linear depth:1
input: (10, 64)
output: (10, 32)
Linear depth:1
input: (10, 64)
output: (10, 32)
Linear depth:1
input: (10, 64)
output: (10, 32)
relu depth:1
input: (10, 32)
output: (10, 32)
relu depth:1
input: (10, 32)
output: (10, 32)
relu depth:1
input: (10, 32)
output: (10, 32)
Linear depth:1
input: (10, 32)
output: (10, 4)
Linear depth:1
input: (10, 32)
output: (10, 4)
Linear depth:1
input: (10, 32)
output: (10, 4)
output-tensor depth:0
(10, 4)
output-tensor depth:0
(10, 4)
output-tensor depth:0
(10, 4)