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AttributeError: can't set attribute #4

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jerryhluo opened this issue on Apr 10, 2018 · 3 comments



jerryhluo commented on Apr 10, 2018

I am using Anaconda Python 3.6 with latest Keras and other libraries. When I run python -m chemvae.train_vae

It complains:

Traceback (most recent call last):

File "Anaconda3\lib\runpy.py", line 193, in _run_module_as_main

"main", mod_spec)

File "Anaconda3\lib\runpy.py", line 85, in _run_code

exec(code, run_globals)

File "chemical_vae\chemvae\train_vae.py", line 399, in

main_no_prop(params)

File "chemical_vae\chemvae\train_vae.py", line 229, in main_no_prop

AE_only_model, encoder, decoder, kl_loss_var = load_models(params)

File "chemical_vae\chemvae\train_vae.py", line 161, in load_models

decoder = decoder_model(params)

File "chemical_vae\chemvae\models.py", line 137, in decoder_model

implementation=params['terminal_GRU_implementation'])([x_dec, true_seq_in])

File "chemical_vae\chemvae\tgru_k2_gpu.py", line 86, in init

self.units = units

AttributeError: can't set attribute

I tried keras-team/keras#7736

And changed the related lines to:

try:

self.units = units

except AttributeError:

self._units = units

try:

self.recurrent_dropout = min(1, max(0, recurrent_dropout))

except AttributeError:

self._recurrent_dropout = min(1., max(0., recurrent_dropout))

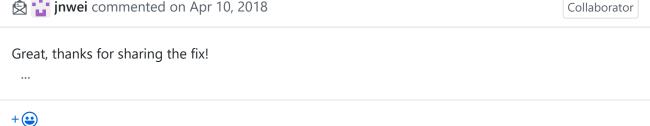
Then it complains:

ValueError: Layer decoder_tgru expects 3 inputs, but it received 2 input tensors. Input received:

[<tf.Tensor 'decoder_gru2_2/transpose_1:0' shape=(?, ?, 488) dtype=float32>, <tf.Tensor

'decoder_true_seq_input_2:0' shape=(?, 120, 35) dtype=float32>]

AttributeError: can't set attribute · Issue #4 · aspuru-guzik-group/chemical_vae Please help... + 😐 inwei commented on Apr 10, 2018 Collaborator Hi, This library is only supported on Keras versions between 1.0 and 2.0.7. Perhaps you are running a newer version of Keras? + 😐 💹 jerryhluo commented on Apr 10, 2018 Author Thank you! I created a virtual environment and installed Keras 2.0.7 and made it work. There is one minor thing to fix. Keras will still complain File "Anaconda3\lib\site-packages\keras\backend\tensorflow_backend.py", line 323, in variable v.constraint = constraint AttributeError: can't set attribute To fix it, replace v.constraint = constraint with: v.constraint = constraint except AttributeError: v._constraint = constraint ₫ 4 + 😀 inwei commented on Apr 10, 2018 Collaborator



Assignees

No one assigned

Labels	
None yet	

ProjectsNone yet

Milestone

No milestone

2 participants



