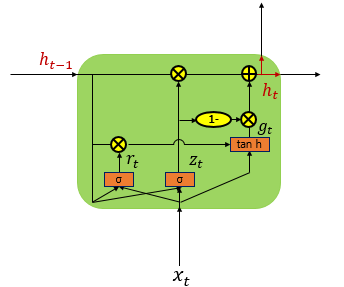
gate recurrent unit(gru)

# library link

<https://github.com/pytorch/pytorch/blob/master/torch/nn/modules/rnn.py>

# basic description



In LSTM, there are two gates: update gate and reset gate. GRU is known to be faster in learning than LSTM, but GRU is known to perform similar to LSTm in several evaluations.

# version

* Pytorch >= 1.10.1+cu102 (pip install torch)
* Torchtext >= 0.11.1 (pip install torchtext)
* Colab

# dataset

* Download through torchtext library as IMDB movie review dataset.

<https://github.com/yellowjs0304/3-min-pytorch_study/blob/master/07-%EC%88%9C%EC%B0%A8%EC%A0%81%EC%9D%B8_%EB%8D%B0%EC%9D%B4%ED%84%B0%EB%A5%BC_%EC%B2%98%EB%A6%AC%ED%95%98%EB%8A%94_RNN/text_classification.ipynb>

# code description

* Code for sentiment analysis using IMDB movie review dataset.

# validation

* Testing 20% of IMDB movie review datasets.