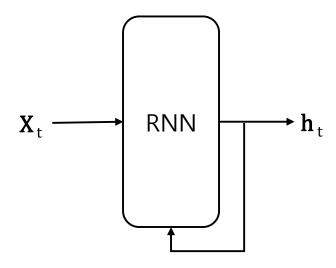
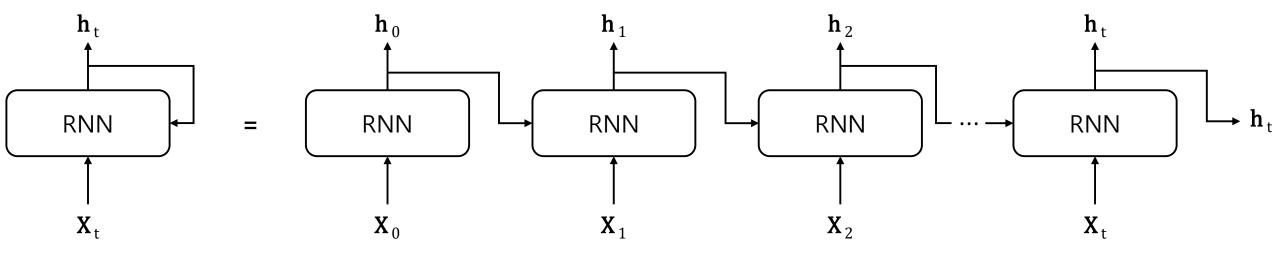
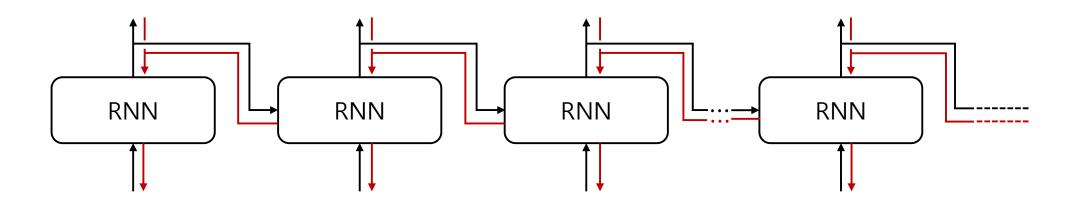
Recurrent Neural Network (RNN)



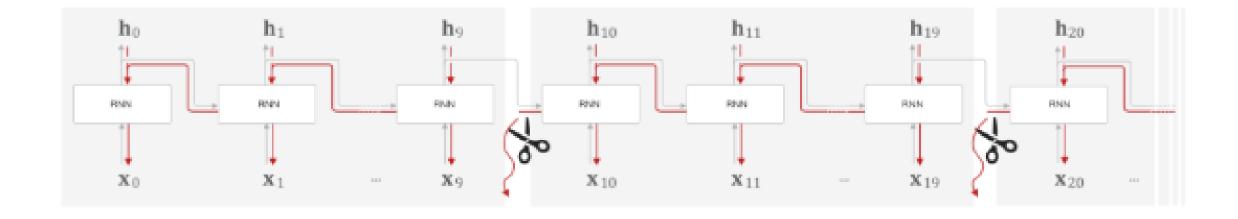
RNN 계층의 순환 구조 펼치기

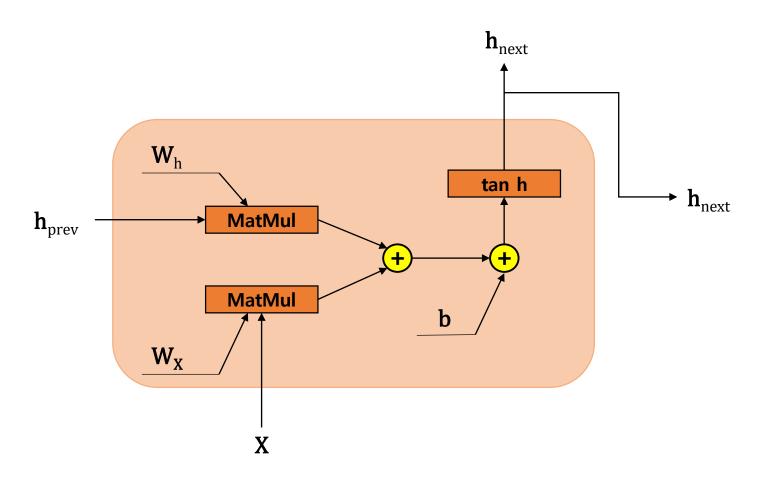


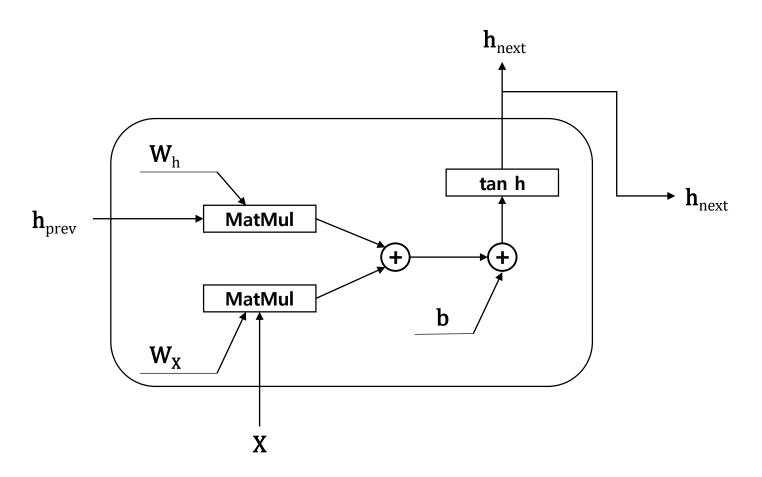
Recurrent Neural Network (RNN) BPTT (Backpropagation Through Time)

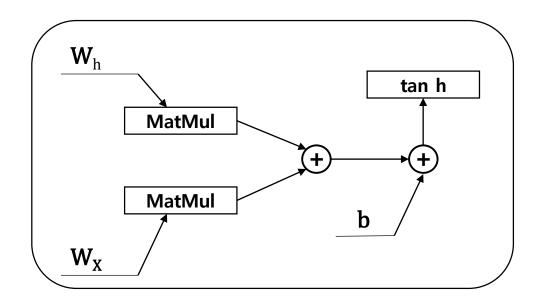


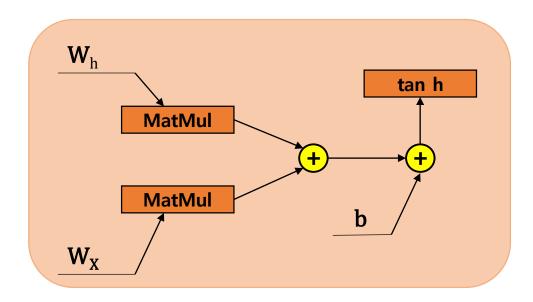
Recurrent Neural Network (RNN) Truncated BPTT



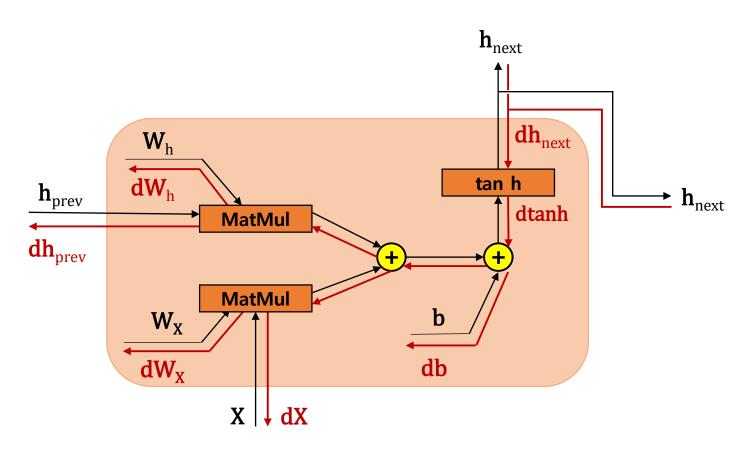




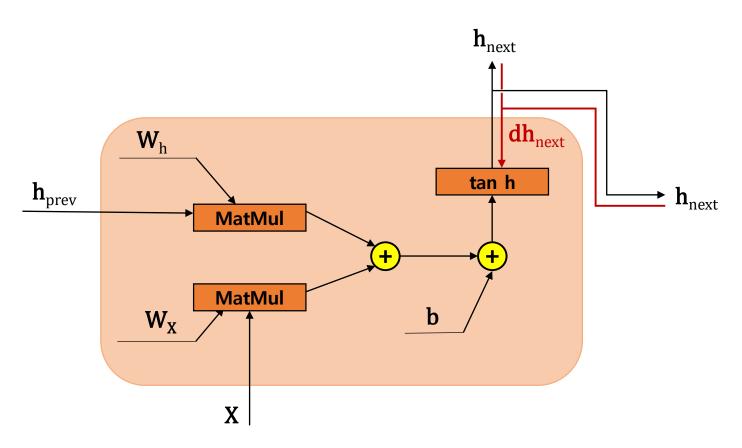




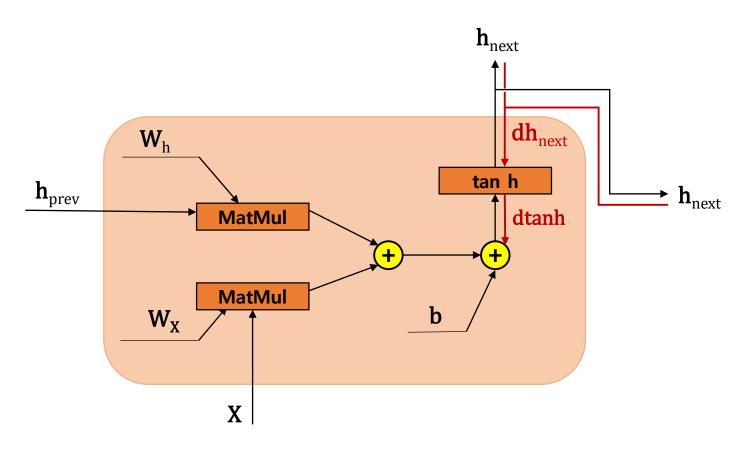
Recurrent Neural Network (RNN) backward (역전파)



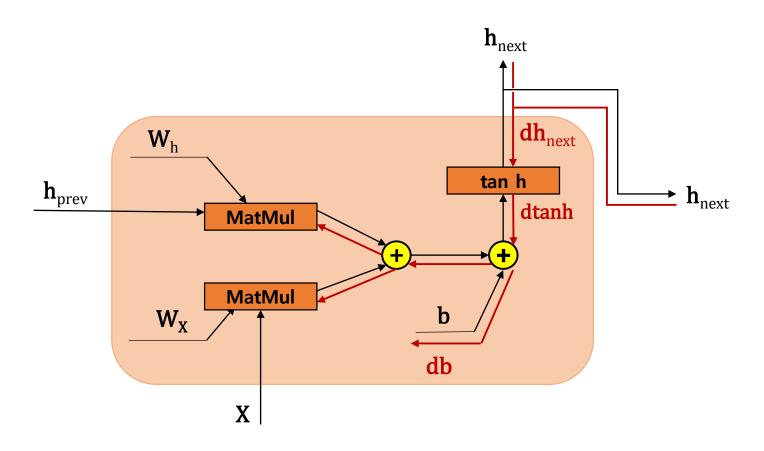
Recurrent Neural Network (RNN) backward (역전파) - (1) dh_next



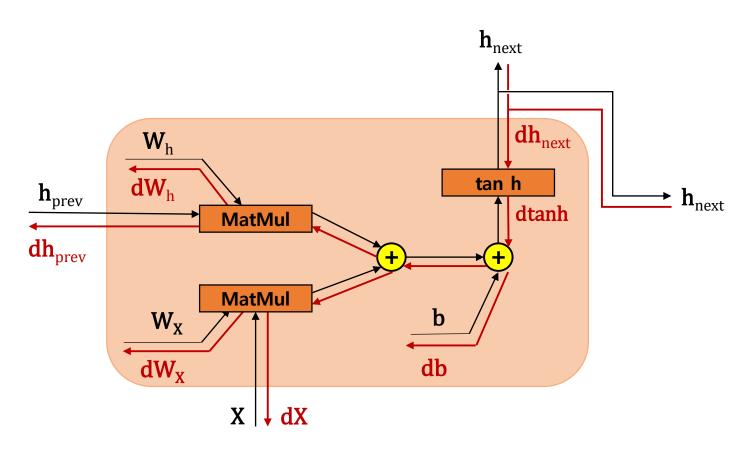
Recurrent Neural Network (RNN) backward (역전파) - (2) dtanh

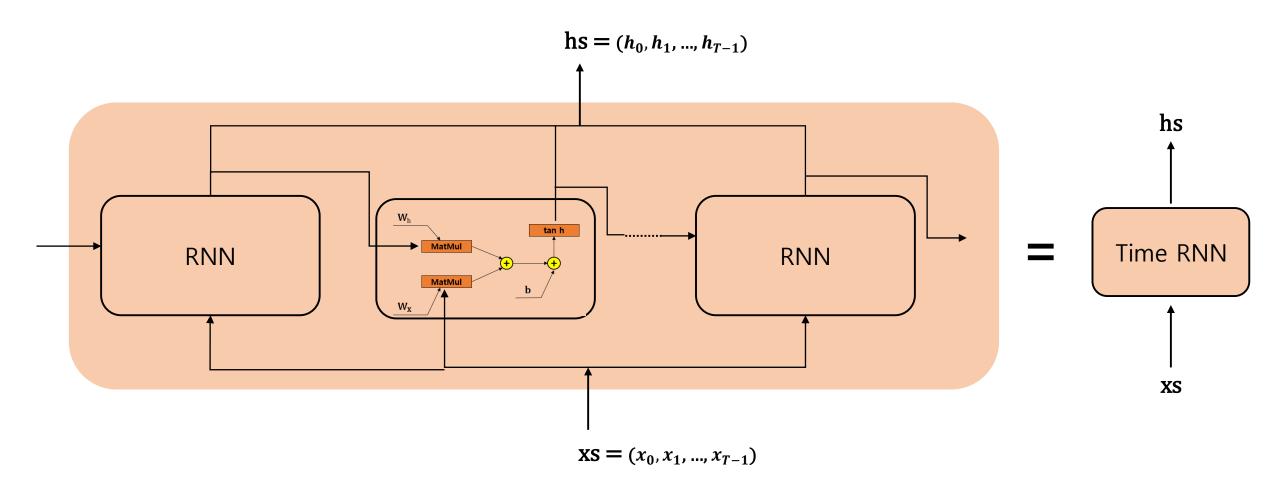


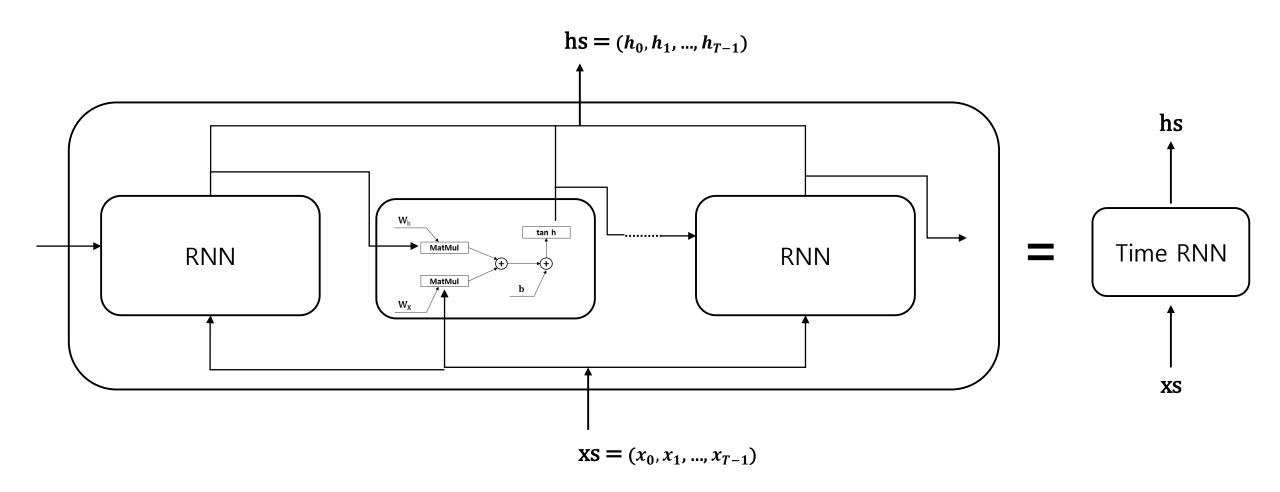
Recurrent Neural Network (RNN) backward (역전파) - (3) 덧셈 노드

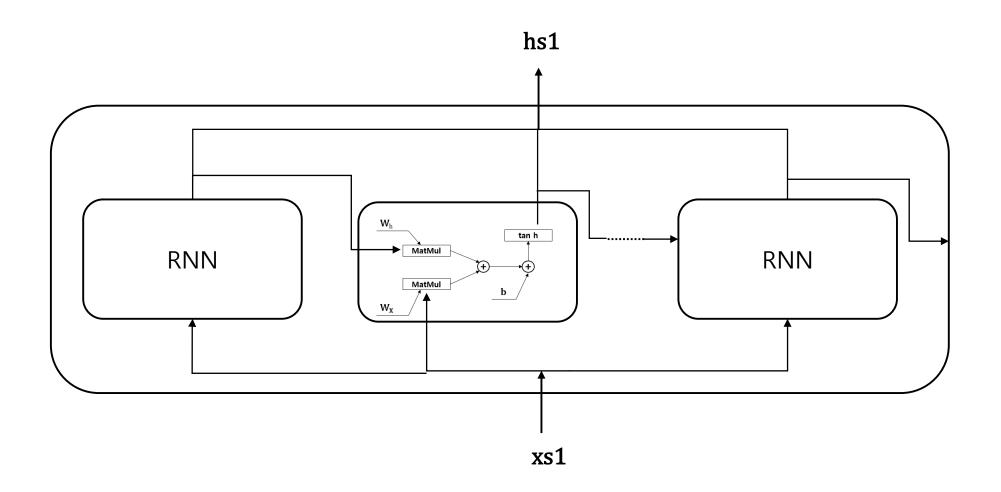


Recurrent Neural Network (RNN) backward (역전파) - (4) 곱셈 노드

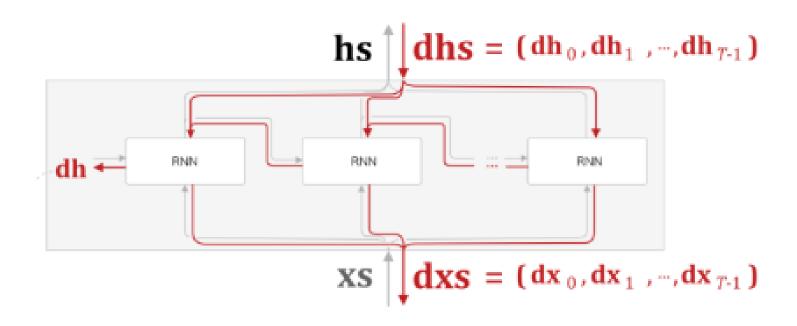


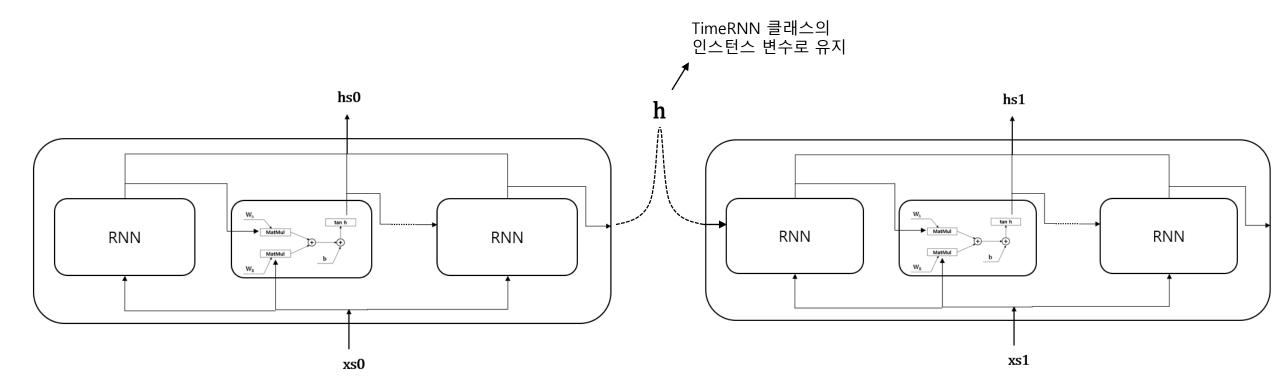






Time RNN 계층의 역전파





Long Short Term Memory (LSTM) forward (순전파)

