

Attention based models in End-to-End ASR

Exploration of Attention in ESPNET toolkit

Shreekantha Nadig

November 7, 2018

International Institute of Information Technology - Bangalore

1. AttDot
2. Introduction

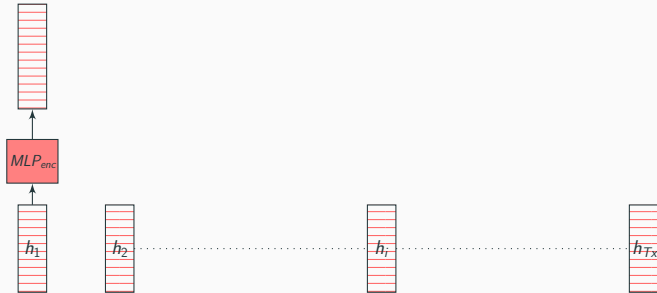
AttDot

Introduction

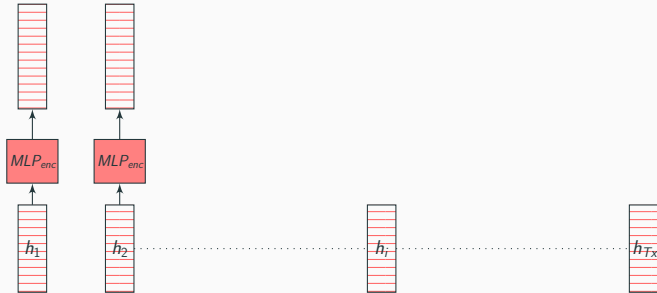
Dot product Attention



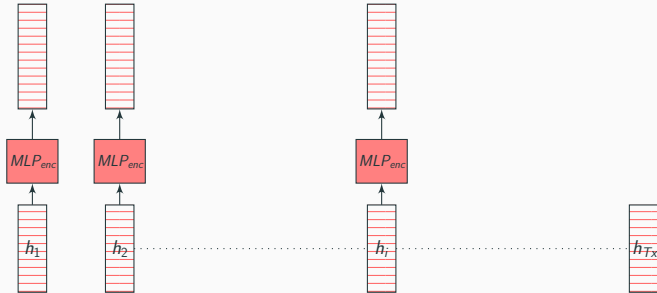
Dot product Attention



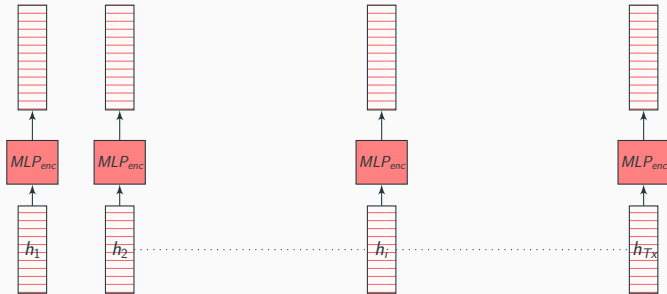
Dot product Attention



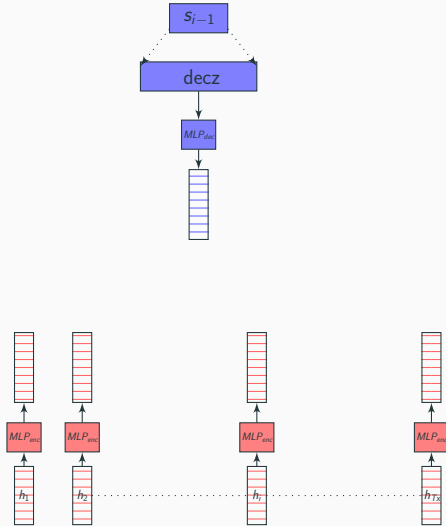
Dot product Attention



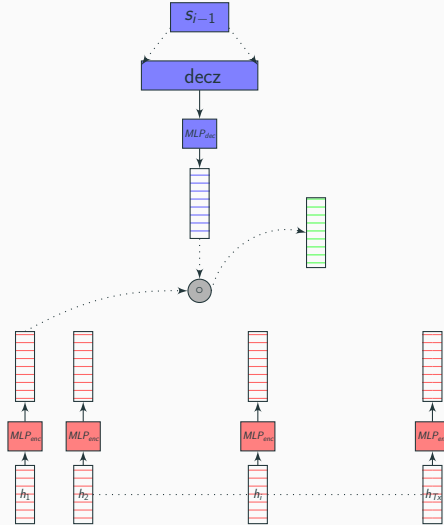
Dot product Attention



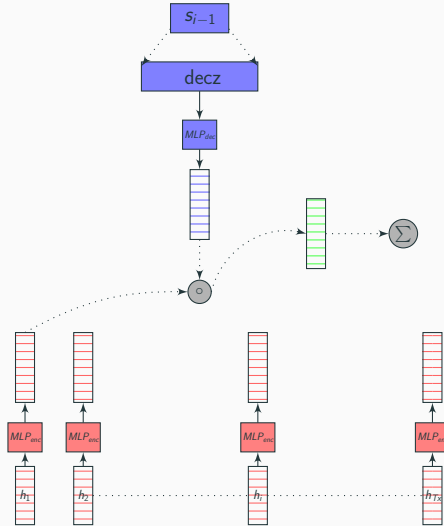
Dot product Attention



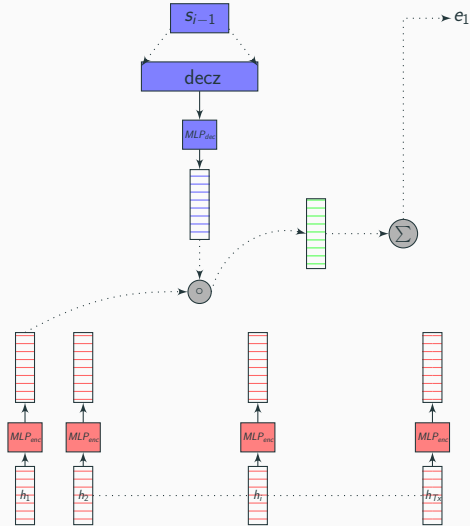
Dot product Attention



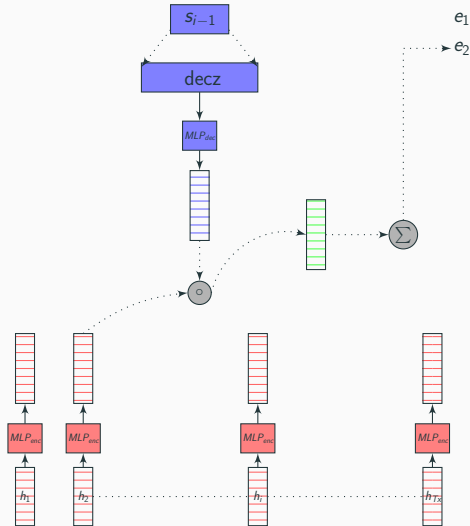
Dot product Attention



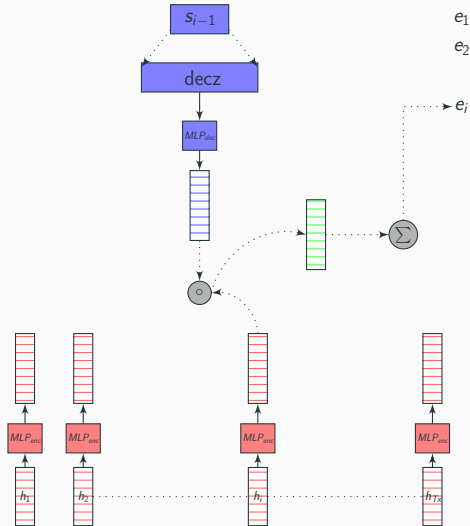
Dot product Attention



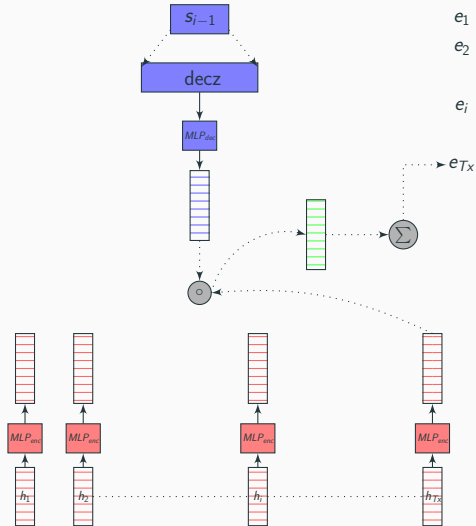
Dot product Attention



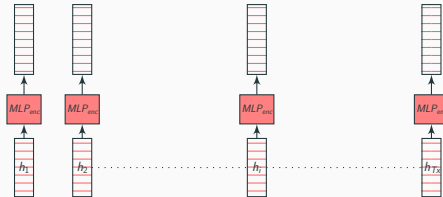
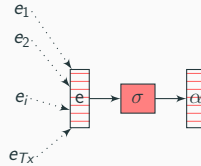
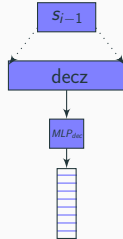
Dot product Attention



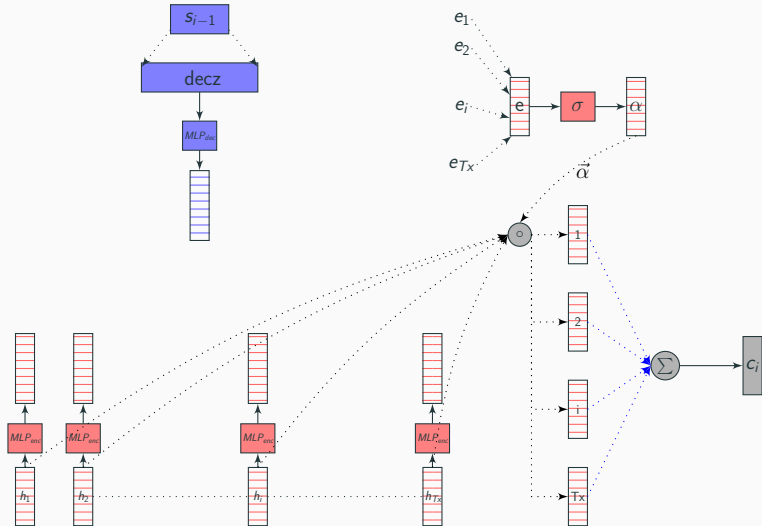
Dot product Attention



Dot product Attention



Dot product Attention



Dot product Attention - Full picture

