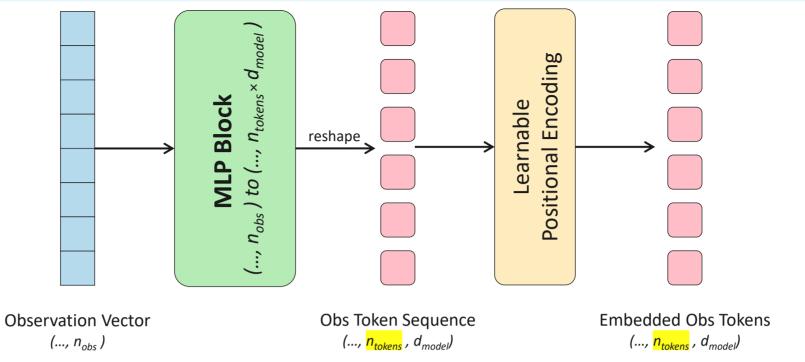
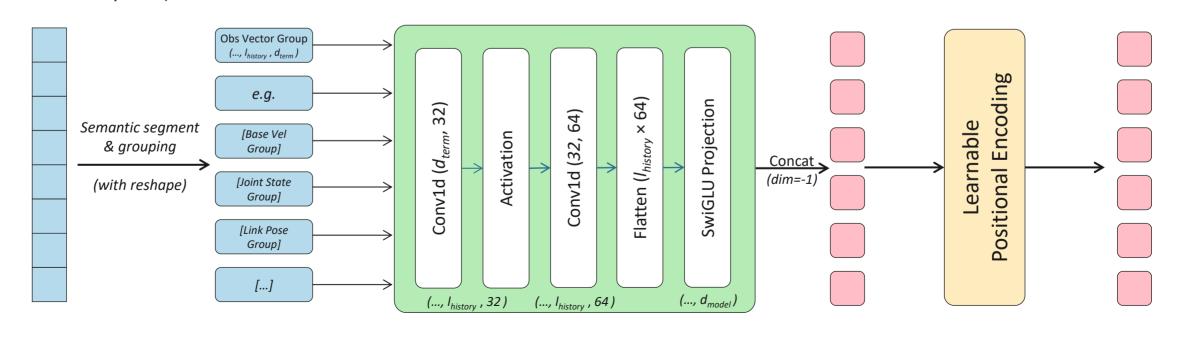
## Observation Embedding (for small observations without history stack)



## **Observation Embedding V2**

(for large observations and history stack)



Observation Vector  $(..., n_{obs} \times l_{history})$ 

Obs Vector Groups  $n_{groups}$  of (...,  $I_{history}$ ,  $d_{term}$ )

Obs Group Encoder (Each group is handled separately)

Obs Token Sequence (..., n<sub>groups</sub>, d<sub>model</sub>)

Embedded Obs Tokens  $(..., \frac{n_{groups}}{n_{groups}}, d_{model})$