

# Sequence

A Sequence represents an array of tensors.

...

Copy use `orion::operators::sequence;`

...

Data types

Orion supports currently these Sequence types.

Data type dtype 32-bit integer (signed) Array> 8-bit integer (signed) Array> 32-bit integer (unsigned) Array> Fixed point (signed) Array>

SequenceTrait

SequenceTrait defines the operations that can be performed on a Sequence of tensors.

function description [sequence.sequence\\_construct](#) Constructs a tensor sequence containing the input tensors. [sequence.sequence\\_empty](#) Returns an empty tensor sequence. [sequence.sequence\\_length](#) Returns the length of the input sequence. [sequence.sequence\\_insert](#) Insert a tensor into a sequence. [sequence.sequence\\_at](#) Outputs the tensor at the specified position in the input sequence. [sequence.concat\\_from\\_sequence](#) Concatenate a sequence of tensors into a single tensor.

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Last updated 2 months ago