sequence.sequence_insert

```

Copy fnsequence_insert(self:Array>, tensor:@Tensor, position:Option>)->Array>;

```

Returns a tensor sequence that inserts 'tensor' into 'self' at 'position'.

Args

- self
- (Array>
-) - input sequence.
- tensor
- (@Tensor
-) - the tensor to insert.
- position
- (@Tensor
-) - the index for insertion (default: -1).
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Returns

Tensor sequence containing 'tensor' inserted into 'self' at 'position'.

Examples

Let's insert the tensor [2] into the sequence [[1], [3]] at position 1.

```

Copy useorion::operators::tensor::{TensorTrait,Tensor,I32Tensor,U32Tensor};

fnsequence_insert_example()->Array> { // Prepare sequence letmutsequence=ArrayTrait::new();
letmutshape=ArrayTrait::::new(); shape.append(1);

letmutdata=ArrayTrait::new(); data.append(1); sequence.append(TensorTrait::new(shape.span(), data.span()));
letmutdata=ArrayTrait::new(); data.append(3);

sequence.append(TensorTrait::new(shape.span(), data.span()));

// Prepare input tensor letmutdata=ArrayTrait::new(); data.append(2); lettensor=TensorTrait::new(shape.span(), data.span());

// Prepare position letmutshape=ArrayTrait::::new(); letmutdata=ArrayTrait::::new(); data.append(1);
letposition=TensorTrait::::new(shape.span(), data.span())

letsequence=self.sequence_insert(tensor, Option::Some(position));

returnsequence; }

                    [[1], [2], [3]]

```

Previous sequence.sequence_erase Next sequence.concat_from_sequence

Last updated1 month ago