

### Email from Bob:

Danial already added them to MPL course, assuming that is all that is needed in MPL.

Here is one for Chapter 18, Quiz 18.3 #1 currently using (exercise-00000-20856.json) in the Nemo "Liang Java Fall 2019" project...

Quiz 18.3 #1 Replace this quiz using MPL 21231 and replace the suggested solution(s) for MPL 21231 with the following:

```
public static double harmonic(int n) {  
  
    if (n == 1)  
  
        return 1.0;  
  
    else  
  
        return 1.0 / n + harmonic(n - 1);  
  
}
```

### Response:

#### Item doesn't need to be in Liang's MPL Course

It doesn't matter if Daniel Liang places this MPL item in his course on MPL or not. This is a Turings' Craft created item, which means, it is present in the Turings' Craft database. So, we can use it in a title on Revel.

#### Replacing a Quiz question on Nemo (assuming the title is not live yet)

Let's look for Quiz 18.3. Here it is on Nemo.

● 18.3 Case Study: Computing Fibonacci Numbers ⚡	Module	05/16/2019	Nambiar, V
● Quiz 18.3: Case Study: Computing Fibonacci Numbers ⚡	Assignment	10/01/2019	Engelhardt, R
exercise-00000-20856.json ⚡	BRIX	10/01/2019	Engelhardt, R
exercise-00000-21224.json ⚡	BRIX	Last Tuesday at 2:50 PM	Gardiner, T
exercise-00000-21210.json ⚡	BRIX	Last Tuesday at 2:50 PM	Gardiner, T

Now, click on Quiz 18.3. This is what comes up. Daniel wants us to remove the circled exercise.

Custom Metadata + Add Custom Metadata Field

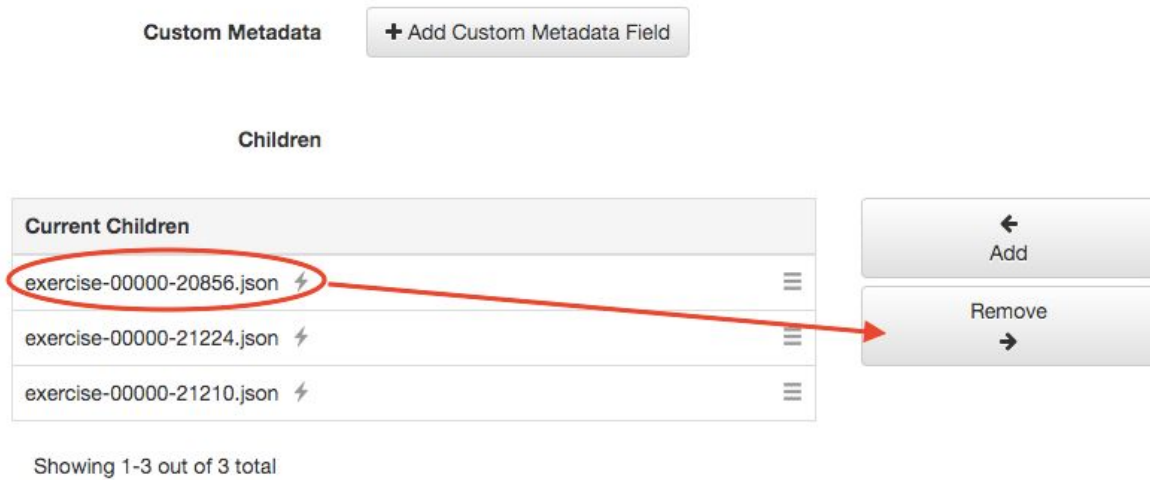
Children

Current Children	
exercise-00000-20856.json ⚡	⋮
exercise-00000-21224.json ⚡	⋮
exercise-00000-21210.json ⚡	⋮

Showing 1-3 out of 3 total

← Add

Remove →



Click on Remove. I've removed it and now I'm left with 2 exercises there.

Children

Current Children	
exercise-00000-21224.json ⚡	⋮
exercise-00000-21210.json ⚡	⋮

Showing 1-2 out of 2 total

← Add

Remove →



Daniel wants us to add 21231.json. So, I will search for 21231.

21231

← Add

Remove →

Available Children

exercise-00000-21231 - obs.json ⚡
exercise-00000-21231.json ⚡
exercise-00000-21231.json ⚡

Showing 1-3 out of 3 total

Hierarchy Level  
Assignment Item



1. I searched for 21231
2. I chose hierarchy level = "assignment item" so that the search is faster. This is optional.
3. I see 3 search results. One is named "obs", which means ignore. (I had named some items as obsolete.) There are 2 copies of the item. We should not have too many copies of an item. When we first started with Nemo we made some mistakes that's why sometimes you will see multiple copies of items. We should never make multiple copies of items because it is very difficult to manage.
4. Choose one of the last 2 items and click on Add.

**Children**

Current Children	
exercise-00000-21224.json ⚡	≡
exercise-00000-21210.json ⚡	≡
exercise-00000-21231.json ⚡	≡

Showing 1-3 out of 3 total

move to position 1 with mouse

←  
Add

Remove  
→

I have moved it to position 1. Save and exit.

**Children**

Current Children	
exercise-00000-21231.json ⚡	≡
exercise-00000-21224.json ⚡	≡
exercise-00000-21210.json ⚡	≡

Showing 1-3 out of 3 total

←  
Add

Remove  
→

**Updating the correct answer**

Click on the item

● Quiz 18.3: Case Study: Computing Fibonacci Numbers ⚡
exercise-00000-21231.json ⚡
exercise-00000-21224.json ⚡
exercise-00000-21210.json ⚡

Click on 21231 and update the correct answer

that accepts an int parameter n and

Programming Language

☐ Java ☐ C++ ☐ Python

Exercise Id

00000-21231

#### Correct Answers

**Answer 1** ✕

```
public static
double
harmonic(int n)
{
    if (n == 1)
        return
1.0;
    else
        return
1.0 / n +
harmonic(n - 1);
}
```

Note -- I know from experience that when Daniel suggests a better correct answer, it works for Gaddis titles also. That's why I updated the correct answer. If some other author suggests a different correct answer, I will do one of the following:

1. Add an additional correct answer instead of replacing the correct answer
2. Create a copy of the item and associate one copy with Author 1 and the other with Author 2 (assuming neither of these titles are live)