

Tests:

### 1. Replacing in the simple list.

Data:

- Context for course a
  - 1
  - 2
  - 3

Result:

- Context for course a
  - 2
  - 1
  - 3

### 2. Replacing nested category

Data:

- Context for course a
  - 1
    - 1.1
  - 2
  - 3

Result:

- Context for course a
  - 1
  - 2
  - 1.1
  - 3

### 3. Replacing nested category with its children

Data:

- Context for course a
  - 1
    - 1.1
      - 1.1.1
    - 1.2
  - 2
  - 3

Result:

- Context for course a
  - 1
    - 1.2
  - 2
  - 1.1
    - 1.1.1
  - 3

#### 4. Replacing in nested list

Data:

- Context for course a
  - 1
    - 1.1
      - 1.1.1
    - 1.2
  - 2
  - 3

Result:

- Context for course a
  - 1
    - 1.1
      - 1.2
      - 1.1.1
  - 2
  - 3

#### 5. Create new nested list

Data:

- Context for course a
  - 1
    - 1.1
    - 1.2
  - 2
  - 3

Result:

- Context for course a
  - 1
    - 1.1
      - 3

- 1.2
- 2

## 6. Replacing to the beginning

Data:

- Context for course a
  - 1
  - 2
  - 3

Result:

- Context for course a
  - 3
  - 1
  - 2

## 7. Replacing to the end

Data:

- Context for course a
  - 1
  - 2
  - 3

Result:

- Context for course a
  - 1
  - 3
  - 2

## 8. Replacing in the middle of list with nested categories

Data:

- Context for course a
  - 1
  - 2
    - 2.1
      - 2.1.1
    - 2.2
      - 2.2.1
  - 3

Result:

- Context for course a
  - 1
  - 2
    - 2.1
      - 2.1.1
    - 3
    - 2.2
      - 2.2.1

## 9. Replacing to another context on top

Data:

- Context for course a
  - a1
  - a2
  - a3
- Context for course b
  - b1
  - b2
  - b3

Result:

- Context for course a
  - a1
  - a3
- Context for course b
  - a2
  - b1
  - b2
  - b3

## 10. Replacing in another context nested category

Data:

- Context for course a
  - a1
  - a2
  - a3
- Context for course b
  - b1
    - b1.1
      - b1.1.1
  - b2
  - b3

Result:

- Context for course a
  - a1
  - a2
    - b1
      - b1.1
        - b1.1.1
  - a3
- Context for course b
  - b2
  - b3