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# Reading progress

## Set total number of pages

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| PUT | /progress/{book\_id}/total/{total\_number} | set total number of pages. |

### Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Style | Type | Description |
| None |  |  |  |

### Request body

None

### Response body

None

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 200 | OK |
| 400 | Bad request. Incorrect input:   1. Not a number 2. Too large, > 100,000,000 3. Too small, < 0 4. Smaller than current… |
| 401 | Unauthorized. |
| 404 | Book not found from the user’s records or it has been deleted. |
| 500 | Problems when execute |

## Add reading progress

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| POST | /progress/{book\_id}/{current\_page} | add reading progress |

### Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Style | Type | Description |
| None |  |  |  |

### Request body

None

### Response body

None

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 200 | OK |
| 400 | Bad request. Incorrect input:   1. Not a number 2. Too large, > page 3. Too small, < last current page |
| 401 | Unauthorized. Not log in. |
| 404 | Book not found within the bookshelf |
| 500 | Problems when execute |

## Show reading history of a book

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| GET | /progress/{book\_id} | show reading history of the given book. Returns $count records beginning from $start($start is not a date). The result is time desc ordered. |

### Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Style | Type | Description |
| start | query | int | The position that the first tuple begin from. Default is 0. |
| count | query | int | The amount of result. Default is 10. Max is 100 |

### Request body

None

### Response body

[  
 {  
 **"user\_id"**: **"e9804558-517d-44bc-b0fb-4d39415c4e75"**,  
 **"book\_id"**: **"20ef09c3-f5f4-4b2a-88dc-49cf81cd7839"**,  
 **"current"**: 48,  
 **"date"**: **"2016-07-16 08:32:02"** },  
 {  
 **"user\_id"**: **"e9804558-517d-44bc-b0fb-4d39415c4e75"**,  
 **"book\_id"**: **"20ef09c3-f5f4-4b2a-88dc-49cf81cd7839"**,  
 **"current"**: 15,  
 **"date"**: **"2016-07-14 21:02:56"** },  
 {  
 **"user\_id"**: **"e9804558-517d-44bc-b0fb-4d39415c4e75"**,  
 **"book\_id"**: **"20ef09c3-f5f4-4b2a-88dc-49cf81cd7839"**,  
 **"current"**: 0,  
 **"date"**: **"2016-07-12 22:49:38"** }  
]

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 200 | OK |
| 401 | Unauthorized. Not log in or not admin |
| 404 | book not found from the user’s records or it has been deleted. |
| 500 | Problems when execute |

## Get current progress

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| GET | /progress | Get current progress of all books the user has. Note that the response body may contains books that are not in the bookshelf currently. (e.g. A book removed from bookshelf after finished reading will displayed in the reponse body) |

### Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Style | Type | Description |
| None |  |  |  |

### Request body

None

### Response body

[  
 {  
 **"user\_id"**: **"e9804558-517d-44bc-b0fb-4d39415c4e75"**,  
 **"book\_id"**: **"20ef09c3-f5f4-4b2a-88dc-49cf81cd7839"**,  
 **"total"**: 347,  
 **"current"**: 2,  
 **"date"**: **"2016-07-16 08:32:02"** },  
 {  
 **"user\_id"**: **"e9804558-517d-44bc-b0fb-4d39415c4e75"**,  
 **"book\_id"**: **"52bc8843-8a3c-4a57-aeb9-b866e9480599"**,  
 **"total"**: 219,  
 **"current"**: 219,  
 **"date"**: **"2016-07-12 22:49:38"** }  
]

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 200 | OK |
| 401 | Unauthorized. |
| 500 | Problems when execute |