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# User

## Add a user

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| POST | /admin/user | Create a user |

### Parameters

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

### Request body

{  
 **"email"**: **"499208150@qq.com"**,  
 **"firstname"**: **"kevin"**,  
 **"lastname"**: **"decided"**,  
 **"password"**: **"123456789"**,  
 **"roles"**: []  
}

### Response body

{  
 **"id"**: **"58bc8a7d-469e-11e6-bf08-208984f5a994"**,  
 **"email"**: **"499208150@qq.com"**,  
 **"firstname"**: **"kevin"**,  
 **"lastname"**: **"decided"**,  
 **"roles"**: []  
}

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 201 | Created |
| 400 | Bad request. Incorrect request body |
| 401 | Unauthorized. Not log in or not admin. |
| 409 | User conflict |
| 500 | Problems when execute |

## Delete a user

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| DELETE | /admin/user/{user\_id} | delete a user |

### Parameters

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

### Request body

None

### Response body

None

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 204 | No content |
| 401 | Unauthorized. Not log in or not admin |
| 403 | Forbidden.  Note: not implement yet. Client has to be aware of this error anyway. |
| 404 | Item not found |
| 500 | Problems when execute |

## Update a user

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| PUT | /admin/user/{user\_id} | update a user. Note: id would be ignored. |

### Parameters

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

### Request body

{  
 **"email"**: **"499208150@qq.com"**,  
 **"firstname"**: **"kevinUpdated"**,  
 **"lastname"**: **"decided"**,  
 **"password"**: **"123456789"**,  
 **"roles"**: [  
 {  
 **"id"**: 1,  
 **"description"**: **"admin"**,  
 **"reference"**: 1  
 }  
 ]  
}

### Response body

{  
 **"id"**: **"58bc8a7d-469e-11e6-bf08-208984f5a994"**,  
 **"email"**: **"499208150@qq.com"**,  
 **"firstname"**: **" kevinUpdated "**,  
 **"lastname"**: **"decided"**,  
 **"password"**: **"123456789"**,  
 **"roles"**: [  
 {  
 **"id"**: 1,  
 **"description"**: **"admin"**,  
 **"reference"**: 1  
 }  
 ]  
}

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 200 | OK |
| 400 | Bad request. Incorrect request body |
| 401 | Unauthorized. Not log in or not admin |
| 404 | Item not found |
| 500 | Problems when execute |

## List users

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| GET | /admin/user | List $count users begin with $start |

### 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 20. Max is 100 |

### Request body

None

### Response body

[  
 {  
 **"id"**: **"58bc8a7d-469e-11e6-bf08-208984f5a994"**,  
 **"email"**: **"499208150@qq.com"**,  
 **"firstname"**: **"kevin"**,  
 **"lastname"**: **"decided"**,  
 **"roles"**: [  
 {  
 **"id"**: 1,  
 **"description"**: **"admin"**,  
 **"reference"**: 1  
 }  
 ]  
 },  
 {  
 **"id"**: **"bas88a7d-469e-11e6-bf08-208984f5a994"**,  
 **"email"**: **"Fan\_Yang@sjtu.edu.cn"**,  
 **"firstname"**: **"fan"**,  
 **"lastname"**: **"yang"**,  
 **"roles"**: []  
 }  
]

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 200 | OK |
| 401 | Unauthorized. Not log in or not admin |
| 500 | Problems when execute |

## Get a user by id

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| GET | /admin/user/{user\_id} | show user detail with pwd |

### Parameters

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

### Request body

None

### Response body

{  
 **"id"**: **"58bc8a7d-469e-11e6-bf08-208984f5a994"**,  
 **"email"**: **"499208150@qq.com"**,  
 **"firstname"**: **"kevin"**,  
 **"lastname"**: **"decided"**,  
 **"password"**: **"123456789"**,  
 **"roles"**: [  
 {  
 **"id"**: 1,  
 **"description"**: **"admin"**,  
 **"reference"**: 1  
 }  
 ]  
}

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 200 | OK |
| 401 | Unauthorized. Not log in or not admin |
| 404 | Item not found |
| 500 | Problems when execute |