

<Monopolly>

Version Alpha 1.0

Paths

/auth

POST /auth

Summary

Authenticate

Description

Authenticate a user

Parameters

Name	Located in	Description	Required	Schema
user	body	user to be connected	Yes	<div><div>↔</div><div><div>▼ user {</div><div>username: string *</div><div>password: string *</div><div>}</div></div></div>

Responses

Code	Description	Schema
200	Authentication sucessfull.	<div><div>↔</div><div><div>▼ token {</div><div>userId: integer *</div><div>token: string *</div><div>}</div></div></div>
400	Bad request.	
401	Bad credentials.	

Try this operation

/user

POST /user**Summary**

new user

Description

Creates a new user. Username and password shall not be empty.

Parameters

Name	Located in	Description	Required	Schema
user	body	user to be created	Yes	<pre>↔ user { username: string * password: string * }</pre>

Responses

Code	Description
201	Successfully created.
400	Bad request.
409	Already exists.

[Try this operation](#)**DELETE /user****Summary**

delete user

Description

Let a user delete himself

Parameters

Name	Located in	Description	Required	Schema
token	header	token to be passed as a header	Yes	↔ string

Responses

Code	Description
204	user deleted successfully.
400	invalid token or credentials.
403	only you can delete yourself.

[Try this operation](#)

GET /user/rooms

Summary

Gets your rooms

Description

retrives a list of your rooms and your subscribed one.

Parameters

Name	Located in	Description	Required	Schema
token	header	token to be passed as a header	Yes	⇌ string

Responses

Code	Description	Schema
200	OK	⇌ ▼ [▶completeRoom { }
400	Bad request.	
403	Forbidden.	

Try this operation

/rooms

POST /rooms

Summary

New room

Description

Creates a new room

Parameters

Name	Located in	Description	Required	Schema
room	body	room to be created	Yes	<div>▼ room { name: string * }</div>
token	header	token to be passed as a header	Yes	⇔ string

Responses

Code	Description
201	Sucessfully created.
400	Bad request.
403	Forbidden.

Try this operation

/rooms/{roomId}

PATCH /rooms/{roomId}

Summary

Patches this room.

Description

Patches this room.

Parameters

Name	Located in	Description	Required	Schema
roomId	path	room to be modified	Yes	⇔ integer (int64)
room	body	room to be patched	Yes	⇔ <div>▼ room { name: string *</div>
token	header	token to be passed as a header	Yes	⇔ string

Responses

Code	Description
200	OK
401	You don't own this room.
403	You don't have a token.
404	not found.

Try this operation

DELETE /rooms/{roomId}

Summary

Deletes this room.

Description

Deletes this room.

Parameters

Name	Located in	Description	Required	Schema
roomId	path	room to be deleted	Yes	⇒ integer (int64)
token	header	token to be passed as a header	Yes	⇒ string

Responses

Code	Description
200	OK
401	You don't own this room.
403	You don't have a token.
404	not found.

[Try this operation](#)

GET /rooms/{roomId}

Summary

Gets this room.

Description

Gets this room. Rooms are visible by all.

Parameters

Name	Located in	Description	Required	Schema
roomId	path	room to be get	Yes	⇔ integer (int64)

Responses

Code	Description	Schema
200	OK	⇔ ▼ completeRoom { id: integer * owner: integer * name: string * questions: ▶[] }
404	not found.	

Try this operation

POST /rooms/{roomId}

Summary

add a question

Description

adds a question to your poll

Parameters

Name	Located in	Description	Required	Schema
roomId	path	the room	Yes	⇔ integer (int64)
question	body	Question to be added	Yes	⇔ <pre>▼ question { body: string * answers: ▶[] }</pre>
token	header	token to be passed as a header	Yes	⇔ string

Responses

Code	Description	Schema
201	OK	⇔ <pre>▼ completeQuestion { id: integer * body: string * answers: ▶[] closed: boolean * canAnswer: boolean * }</pre>
401	You don't own this room.	
403	You don't have a token.	

Try this operation

/rooms/question/{qId}

PATCH /rooms/question/{qId}

Summary

patch this question

Description

Update a question in your room. If users are using it, they will be notified instantly via websocket.

Parameters

Name	Located in	Description	Required	Schema
qId	path	the question	Yes	↔ integer (int64)
question body	body	question to be patched	Yes	↔ <pre>completeQuestion { id: integer * body: string * answers: ▶[] closed: boolean * canAnswer: boolean * }</pre>
token	header	token to be passed as a header	Yes	↔ string

Responses

Code	Description
200	OK.
401	Unauthorized.
403	Forbidden.
404	Not found.

Try this operation

DELETE /rooms/question/{qId}

Summary

deletes a question

Description

deletes a question of this room

Parameters

Name	Located in	Description	Required	Schema
qId	path	poll to be deleted	Yes	⇒ integer (int64)
token	header	token to be passed as a header	Yes	⇒ string

Responses

Code	Description
200	OK
401	Unauthorized.
403	Forbidden.
404	Not found.

[Try this operation](#)

GET /rooms/question/{qId}

Summary

gets a question and its statistics

Description

gets a question and its statistics a question of this room. This method is public.

Parameters

Name	Located in	Description	Required	Schema
qId	path	question to be retrived	Yes	⇔ integer (int64)

Responses

Code	Description	Schema
200	OK	⇔ ▼ statisticalQuestion { id: integer * body: string * answers: ►[] closed: boolean * }

404	Not found.
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Try this operation

/answer/{aId}

POST /answer/{aId}

Summary

Posts an answer .

Description

Posts an answer for a question. If this question is closed then it is not possible any longer.

Parameters

Name	Located in	Description	Required	Schema
ald	path	the id of the answer	Yes	↔ integer (int64)
token	header	token to be passed as a header	Yes	↔ string

Responses

Code	Description	Schema
200	OK. Returns the question with the correct answer.	↔ <pre>▼ completeQuestion { id: integer * body: string * answers: ▶[] closed: boolean * canAnswer: boolean * }</pre>
400	Invalid answer object.	
403	You don't have a token.	
404	Question not found.	
409	You already have submitted an answer.	

[Try this operation](#)

/subscribe/{roomName}

POST /subscribe/{roomName}

Summary

Add yourself to a room.

Description

Suscribes you to a room. Grants you the rights to post answers to the questions of this room.

Parameters

Name	Located in	Description	Required	Schema
roomName	path	the room to join.	Yes	⇒ string
token	header	token to be passed as a header	Yes	⇒ string

Responses

Code	Description
200	OK - you have joined this room.
403	You don't have a token.
404	Room not found.
409	You are already subscribed to this room.

Try this operation

Models

user

```
▼user {  
  username: string *  
  password: string *  
}
```

userDTO

```
▼userDTO {  
  id: integer *  
  username: string *  
}
```

token

```
▼token {  
  userId: integer *  
  token: string *  
}
```

room

```
▼ room {  
  ⚡ name: string *  
}
```

completeRoom

```
▼ completeRoom {  
  id: integer *  
  owner: integer *  
  ⚡ name: string *  
  questions: ▶[]  
}
```

question

```
▼ question {  
  ⚡ body: string *  
  answers: ▶[]  
}
```

completeQuestion

```
▼ completeQuestion {  
  id: integer *  
  body: string *  
  ⚡ answers: ▶[]  
  closed: boolean *  
  canAnswer: boolean *  
}
```

asnwer

```
▼ asnwer {  
  ⚡ body: string *  
  ⚡ isValid: boolean *  
}
```

CompleteAsnwer

```
▼ CompleteAsnwer {  
  id: integer *  
  ⚡ body: string *  
  isValid: boolean *  
}
```

statisticalQuestion

```
▼ statisticalQuestion {  
  id: integer *  
  ⚡ body: string *  
  ⚡ answers: ▶[]  
  closed: boolean *  
}
```

statisticalAnswer

```
▼ statisticalAnswer {  
  id:      integer *  
  body:    string *  
⇒ users:  ►[]  
  isValid: boolean *  
}
```