

# 스택오버플로우 애플리케이션

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## 1. MemberController

### 1.1. 회원 등록

#### curl-request

```
$ curl 'http://localhost:8080/members/signup' -i -X POST \
-H 'Content-Type: application/json;charset=UTF-8' \
-H 'Accept: application/json' \
-d '{
  "email" : "vdcf2000@gmail.com",
  "password" : "asdf123",
  "memberName" : "강신찬"
}'
```

BASH

#### http-request

HTTP

```
POST /members/signup HTTP/1.1
Content-Type: application/json;charset=UTF-8
Accept: application/json
Content-Length: 92
Host: localhost:8080

{
  "email" : "vdcf2000@gmail.com",
  "password" : "asdf123",
  "memberName" : "강신찬"
}
```

http-response

HTTP

```
HTTP/1.1 201 Created
Content-Type: application/json
Content-Length: 135

{
  "data" : {
    "memberId" : 1,
    "email" : "vdcf2000@gmail.com",
    "memberName" : "강신찬",
    "password" : "asdf123"
  }
}
```

request-body

```
{
  "email" : "vdcf2000@gmail.com",
  "password" : "asdf123",
  "memberName" : "강신찬"
}
```

Table 1. request-fields

Path	Type	Description
email	String	이메일
memberName	String	이름
password	String	비밀 번호

response-body

```
{
  "data" : {
    "memberId" : 1,
    "email" : "vdcf2000@gmail.com",
    "memberName" : "강신찬",
    "password" : "asdf123"
  }
}
```

1.2. 회원 수정

curl-request

```
$ curl 'http://localhost:8080/members/1' -i -X PATCH \
-H 'Content-Type: application/json;charset=UTF-8' \
-H 'Accept: application/json' \
-d '{
  "memberId" : 1,
  "password" : "asdf123",
  "memberName" : "김현성"
}'
```

BASH

http-request

```
PATCH /members/1 HTTP/1.1
Content-Type: application/json;charset=UTF-8
Accept: application/json
Content-Length: 76
Host: localhost:8080

{
  "memberId" : 1,
  "password" : "asdf123",
  "memberName" : "김현성"
}
```

HTTP

http-response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 135

{
  "data" : {
    "memberId" : 1,
    "email" : "vdcf2000@gmail.com",
    "memberName" : "김현성",
    "password" : "asdf123"
  }
}
```

HTTP

Table 2. /members/{member-id}

Parameter	Description
member-id	회원 식별자 ID

request-body

```
{
  "memberId" : 1,
  "password" : "asdf123",
  "memberName" : "김현성"
}
```

Table 3. request-fields

Path	Type	Description
memberName	String	이름
password	String	비밀 번호

response-body

```
{
  "data" : {
    "memberId" : 1,
    "email" : "vdcf2000@gmail.com",
    "memberName" : "김현성",
    "password" : "asdf123"
  }
}
```

Table 4. response-fields

Path	Type	Description
data	Object	결과 데이터
data.memberId	Number	회원 식별자
data.email	String	이메일
data.memberName	String	이름
data.password	String	비밀 번호

### 1.3. 회원 조회

#### curl-request

```
$ curl 'http://localhost:8080/members/1' -i -X GET \
-H 'Accept: application/json'
```

BASH

#### http-request

```
GET /members/1 HTTP/1.1
Accept: application/json
Host: localhost:8080
```

HTTP

#### http-response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 135

{
  "data" : {
    "memberId" : 1,
    "email" : "vdcf2000@gmail.com",
    "memberName" : "강신찬",
    "password" : "asdf123"
  }
}
```

HTTP

Table 5. /members/{member-id}

Parameter	Description
member-id	회원 식별자 ID

#### request-body

#### response-body

```
{
  "data" : {
    "memberId" : 1,
    "email" : "vdcf2000@gmail.com",
    "memberName" : "강신찬",
    "password" : "asdf123"
  }
}
```

Table 6. response-fields

Path	Type	Description
data	Object	결과 데이터
data.memberId	Number	회원 식별자
data.email	String	이메일
data.memberName	String	이름
data.password	String	비밀 번호

### 1.4. 회원 전체 조회

#### curl-request

```
$ curl 'http://localhost:8080/members?page=1&size=10' -i -X GET \
-H 'Accept: application/json'
```

BASH

#### http-request

```
GET /members?page=1&size=10 HTTP/1.1
Accept: application/json
Host: localhost:8080
```

HTTP

#### http-response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 362

{
  "data" : [ {
    "memberId" : 1,
    "email" : "vdcf2000@gmail.com",
    "memberName" : "강신찬",
    "password" : "asdf123"
  }, {
    "memberId" : 2,
    "email" : "vdcf2002@gmail.com",
    "memberName" : "김찬빈",
    "password" : "asdf123"
  } ],
  "pageInfo" : {
    "page" : 1,
    "size" : 10,
    "totalElements" : 2,
    "totalPages" : 1
  }
}
```

HTTP

#### request-body

Table 7. request-parameters

Parameter	Description
page	Page 번호
size	Page Size

response-body

```
{
  "data" : [ {
    "memberId" : 1,
    "email" : "vdcf2000@gmail.com",
    "memberName" : "강신찬",
    "password" : "asdf123"
  }, {
    "memberId" : 2,
    "email" : "vdcf2002@gmail.com",
    "memberName" : "김찬빈",
    "password" : "asdf123"
  } ],
  "pageInfo" : {
    "page" : 1,
    "size" : 10,
    "totalElements" : 2,
    "totalPages" : 1
  }
}
```

Table 8. response-fields

Path	Type	Description
data	Array	결과 데이터
data[].memberId	Number	회원 식별자
data[].email	String	이메일
data[].memberName	String	이름
data[].password	String	비밀 번호
pageInfo	Object	페이지 정보
pageInfo.page	Number	페이지 번호
pageInfo.size	Number	페이지 사이즈
pageInfo.totalElements	Number	전체 건 수
pageInfo.totalPages	Number	전체 페이지 수

1.5. 회원 삭제

curl-request

\$ curl 'http://localhost:8080/members/1' -i -X DELETE

BASH

http-request

DELETE /members/1 HTTP/1.1	HTTP
Host: localhost:8080	

http-response

HTTP/1.1 204 No Content	HTTP
-------------------------	------

request-body

Table 9. /members/{member-id}

Parameter	Description
member-id	회원 식별자 ID

response-body

## 2. QuestionController

### 2.1. 질문 등록

curl-request

\$ curl 'http://localhost:8080/questions' -i -X POST \ -H 'Content-Type: application/json; charset=UTF-8' \ -H 'Accept: application/json' \ -d '{ "questionTitle" : "버스 안에서", "questionBody" : "열심히 하는 중", "memberId" : 1, "questionTags" : [ { "questionId" : 1, "tagId" : 1, "tagName" : "JAVA" } ] '	BASH
---	------

http-request

POST /questions HTTP/1.1	HTTP
Content-Type: application/json; charset=UTF-8	
Accept: application/json	
Content-Length: 195	
Host: localhost:8080	
{ "questionTitle" : "버스 안에서", "questionBody" : "열심히 하는 중", "memberId" : 1, "questionTags" : [ { "questionId" : 1, "tagId" : 1, "tagName" : "JAVA" } ] }	

http-response

HTTP/1.1 201 Created

Content-Type: application/json

Content-Length: 294

HTTP

```
{
  "data" : {
    "questionId" : 1,
    "memberId" : 1,
    "questionTitle" : "버스 안에서",
    "questionBody" : "열심히 하는 중",
    "questionTags" : [ ],
    "questionRegDate" : "2022-12-27T02:54:00",
    "questionLastDate" : "2022-12-27T02:54:00",
    "questionLikes" : 0
  }
}
```

request-body

```
{
  "questionTitle" : "버스 안에서",
  "questionBody" : "열심히 하는 중",
  "memberId" : 1,
  "questionTags" : [ {
    "questionId" : 1,
    "tagId" : 1,
    "tagName" : "JAVA"
  } ]
}
```

Table 10. request-fields

Path	Type	Description
memberId	javax.management.openmbean.SimpleType(name=java.lang.Long)	멤버 아이디
questionTitle	javax.management.openmbean.SimpleType(name=java.lang.String)	질문 제목
questionBody	javax.management.openmbean.SimpleType(name=java.lang.String)	질문 내용
questionTags	Array	태그
questionTags. [].questionId	Number	태그의 질문 식별 ID
questionTags. [].tagId	Number	태그 식별 ID
questionTags. [].tagName	String	태그 제목

response-body



```
{
  "data" : {
    "questionId" : 1,
    "memberId" : 1,
    "questionTitle" : "버스 안에서",
    "questionBody" : "열심히 하는 중",
    "questionTags" : [ ],
    "questionRegDate" : "2022-12-27T02:54:00",
    "questionLastDate" : "2022-12-27T02:54:00",
    "questionLikes" : 0
  }
}
```

## 2.2. 질문 수정

### curl-request

\$ curl 'http://localhost:8080/questions/1' -i -X PATCH \

-H 'Content-Type: application/json; charset=UTF-8' \

-H 'Accept: application/json' \

-d '{

"questionId" : 1,

"memberId" : 1,

"questionTitle" : "버스 안에서",

"questionBody" : "열심히 하는 중",

"questionTags" : [ ]

}

'

BASH

### http-request

PATCH /questions/1 HTTP/1.1

Content-Type: application/json; charset=UTF-8

Accept: application/json

Content-Length: 147

Host: localhost:8080

{

"questionId" : 1,

"memberId" : 1,

"questionTitle" : "버스 안에서",

"questionBody" : "열심히 하는 중",

"questionTags" : [ ]

}

HTTP

### http-response

HTTP/1.1 200 OK

Content-Type: application/json

Content-Length: 294

{

"data" : {

"questionId" : 1,

"memberId" : 1,

"questionTitle" : "버스 안에서",

"questionBody" : "열심히 하는 중",

"questionTags" : [ ],

"questionRegDate" : "2022-12-27T02:54:00",

"questionLastDate" : "2022-12-27T02:54:00",

"questionLikes" : 0

}

}

HTTP

Table 11. /questions/{question-id}

Parameter	Description
question-id	질문 식별자 ID

request-body

```
{
  "questionId" : 1,
  "memberId" : 1,
  "questionTitle" : "버스 안에서",
  "questionBody" : "열심히 하는 중",
  "questionTags" : [ ]
}
```

Table 12. request-fields

Path	Type	Description
questionTitle	String	질문 제목
questionBody	String	질문 내용
questionTags	Array	질문 태그

response-body

```
{
  "data" : {
    "questionId" : 1,
    "memberId" : 1,
    "questionTitle" : "버스 안에서",
    "questionBody" : "열심히 하는 중",
    "questionTags" : [ ],
    "questionRegDate" : "2022-12-27T02:54:00",
    "questionLastDate" : "2022-12-27T02:54:00",
    "questionLikes" : 0
  }
}
```

Table 13. response-fields

Path	Type	Description
data	Object	결과 데이터
data.questionId	Number	질문 식별자 ID
data.memberId	Number	질문 작성자 식별 ID
data.questionTitle	String	질문 제목
data.questionBody	String	질문 내용
data.questionTags	Array	태그
data.questionTags.[].questionId	Number	태그의 질문 식별 ID
data.questionTags.[].tagId	Number	태그 식별 ID
data.questionTags.[].tagName	String	태그 제목

Path	Type	Description
data.questionRegDate	String	질문 작성 시간
data.questionLastDate	String	질문 마지막 작성 시간
data.questionLikes	Number	비밀 번호

### 2.3. 질문 조회

#### curl-request

```
$ curl 'http://localhost:8080/questions/1' -i -X GET \
-H 'Accept: application/json'
```

BASH

#### http-request

```
GET /questions/1 HTTP/1.1
Accept: application/json
Host: localhost:8080
```

HTTP

#### http-response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 294

{
  "data" : {
    "questionId" : 1,
    "memberId" : 1,
    "questionTitle" : "버스 안에서",
    "questionBody" : "열심히 하는 중",
    "questionTags" : [ ],
    "questionRegDate" : "2022-12-27T02:54:00",
    "questionLastDate" : "2022-12-27T02:54:00",
    "questionLikes" : 0
  }
}
```

HTTP

Table 14. /questions/{question-id}

Parameter	Description
question-id	질문 식별자 ID

#### request-body

#### response-body

```
{
  "data" : {
    "questionId" : 1,
    "memberId" : 1,
    "questionTitle" : "버스 안에서",
    "questionBody" : "열심히 하는 중",
    "questionTags" : [ ],
    "questionRegDate" : "2022-12-27T02:54:00",
    "questionLastDate" : "2022-12-27T02:54:00",
    "questionLikes" : 0
  }
}
```

Table 15. response-fields

Path	Type	Description
data	Object	결과 데이터
data.questionId	Number	질문 식별자 ID
data.memberId	Number	질문 작성자 식별 ID
data.questionTitle	String	질문 제목
data.questionBody	String	질문 내용
data.questionTags	Array	태그
data.questionTags. [].questionId	Number	태그의 질문 식별 ID
data.questionTags.[].tagId	Number	태그 식별 ID
data.questionTags. [].tagName	String	태그 제목
data.questionRegDate	String	질문 작성 시간
data.questionLastDate	String	질문 마지막 작성 시간
data.questionLikes	Number	비밀 번호

## 2.4. 질문 전체 조회

### curl-request

```
$ curl 'http://localhost:8080/questions?page=1&size=10' -i -X GET \
-H 'Accept: application/json'
```

BASH

### http-request

```
GET /questions?page=1&size=10 HTTP/1.1
Accept: application/json
Host: localhost:8080
```

HTTP

### http-response

HTTP/1.1 200 OK

Content-Type: application/json

Content-Length: 834

HTTP

```
{
  "data" : [ {
    "questionId" : 1,
    "memberId" : 1,
    "questionTitle" : "버스 안에서",
    "questionBody" : "열심히 하는 중",
    "questionTags" : [ {
      "tagId" : 1,
      "questionId" : 1,
      "tagName" : "JAVA"
    } ],
    "questionRegDate" : "2022-12-27T02:54:00",
    "questionLastDate" : "2022-12-27T02:54:00",
    "questionLikes" : 0
  }, {
    "questionId" : 2,
    "memberId" : 1,
    "questionTitle" : "출린데",
    "questionBody" : "출린데 자면 안될까요",
    "questionTags" : [ {
      "tagId" : 1,
      "questionId" : 1,
      "tagName" : "JAVA"
    } ],
    "questionRegDate" : "2022-12-27T03:57:00",
    "questionLastDate" : "2022-12-27T03:57:00",
    "questionLikes" : 0
  } ],
  "pageInfo" : {
    "page" : 1,
    "size" : 10,
    "totalElements" : 2,
    "totalPages" : 1
  }
}
```

request-body

Table 16. request-parameters

Parameter	Description
page	Page 번호
size	Page Size

response-body

```
{
  "data" : [ {
    "questionId" : 1,
    "memberId" : 1,
    "questionTitle" : "버스 안에서",
    "questionBody" : "열심히 하는 중",
    "questionTags" : [ {
      "tagId" : 1,
      "questionId" : 1,
      "tagName" : "JAVA"
    } ],
    "questionRegDate" : "2022-12-27T02:54:00",
    "questionLastDate" : "2022-12-27T02:54:00",
    "questionLikes" : 0
  }, {
    "questionId" : 2,
    "memberId" : 1,
    "questionTitle" : "졸린데",
    "questionBody" : "졸린데 자면 안될까요",
    "questionTags" : [ {
      "tagId" : 1,
      "questionId" : 1,
      "tagName" : "JAVA"
    } ],
    "questionRegDate" : "2022-12-27T03:57:00",
    "questionLastDate" : "2022-12-27T03:57:00",
    "questionLikes" : 0
  } ],
  "pageInfo" : {
    "page" : 1,
    "size" : 10,
    "totalElements" : 2,
    "totalPages" : 1
  }
}
```

Table 17. response-fields

Path	Type	Description
data	Array	결과 데이터
data[].questionId	Number	질문 식별자 ID
data[].memberId	Number	질문 작성자 식별 ID
data[].questionTitle	String	질문 제목
data[].questionBody	String	질문 내용
data[].questionTags	Array	태그
data[].questionTags. [].questionId	Number	태그의 질문 식별 ID
data[].questionTags. [].tagId	Number	태그 식별 ID
data[].questionTags. [].tagName	String	태그 제목
data[].questionRegDate	String	질문 작성 시간

Path	Type	Description
data[].questionLastDate	String	질문 마지막 작성 시간
data[].questionLikes	Number	비밀 번호
pageInfo	Object	페이지 정보
pageInfo.page	Number	페이지 번호
pageInfo.size	Number	페이지 사이즈
pageInfo.totalElements	Number	전체 건 수
pageInfo.totalPages	Number	전체 페이지 수

## 2.5. 질문 삭제

### curl-request

```
$ curl 'http://localhost:8080/questions/1' -i -X DELETE
```

BASH

### http-request

```
DELETE /questions/1 HTTP/1.1
Host: localhost:8080
```

HTTP

### http-response

```
HTTP/1.1 204 No Content
```

HTTP

### request-body

Table 18. /questions/{question-id}

Parameter	Description
question-id	질문 식별자 ID

### response-body

## 3. CommentController

### 3.1. 질문 답에 달린 댓글 등록

#### curl-request

```
$ curl 'http://localhost:8080/answers/comments/1' -i -X POST \
-H 'Content-Type: application/json;charset=UTF-8' \
-H 'Accept: application/json' \
-d '{
  "commentBody" : "this is commentBody and Answer class",
  "memberId" : 1,
  "answerId" : 1
}'
```

BASH

http-request

POST /answers/comments/1 HTTP/1.1

Content-Type: application/json;charset=UTF-8

Accept: application/json

Content-Length: 96

Host: localhost:8080

HTTP

```
{
  "commentBody" : "this is commentBody and Answer class",
  "memberId" : 1,
  "answerId" : 1
}
```

http-response

HTTP/1.1 201 Created

Content-Type: application/json

Content-Length: 162

HTTP

```
{
  "data" : {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "this is commentBody and Answer class"
  }
}
```

Table 19. /answers/comments/{answer-id}

Parameter	Description
answer-id	댓글의 answer 식별자 ID

request-body

```
{
  "commentBody" : "this is commentBody and Answer class",
  "memberId" : 1,
  "answerId" : 1
}
```

Table 20. request-fields

Path	Type	Description
answerId	Number	댓글의 answer 식별 ID
memberId	Number	댓글의 member 식별 ID
commentBody	String	댓글 본문 내용

Table 21. response-fields

Path	Type	Description
data	Object	결과 데이터
data.commentId	Number	댓글 식별자



Path	Type	Description
data.memberId	Number	댓글의 member 식별 ID
data.answerId	Number	댓글의 answer 식별 ID
data.questionId	Number	댓글의 question 식별 ID
data.commentBody	String	댓글 본문 내용

response-body

```
{
  "data" : {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "this is commentBody and Answer class"
  }
}
```

3.2. 질문 답변 답글에 달린 댓글 수정

curl-request

```
$ curl 'http://localhost:8080/answers/comments/1' -i -X PATCH \
-H 'Content-Type: application/json;charset=UTF-8' \
-H 'Accept: application/json' \
-d '{
  "commentBody" : "Answer CommentBody Patch good",
  "answerId" : 1
}'
```

BASH

http-request

```
PATCH /answers/comments/1 HTTP/1.1
Content-Type: application/json;charset=UTF-8
Accept: application/json
Content-Length: 71
Host: localhost:8080

{
  "commentBody" : "Answer CommentBody Patch good",
  "answerId" : 1
}
```

HTTP

http-response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 155

{
  "data" : {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "Answer CommentBody Patch good"
  }
}
```

HTTP

Table 22. /answers/comments/{answer-id}

Parameter	Description
answer-id	댓글의 answer 식별자 ID

request-body

```
{
  "commentBody" : "Answer CommentBody Patch good",
  "answerId" : 1
}
```

Table 23. request-fields

Path	Type	Description
answerId	Number	댓글의 answer 식별 ID
commentBody	String	댓글 본문 내용

response-body

```
{
  "data" : {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "Answer CommentBody Patch good"
  }
}
```

Table 24. response-fields

Path	Type	Description
data	Object	결과 데이터
data.commentId	Number	댓글 식별자
data.memberId	Number	댓글의 member 식별 ID
data.answerId	Number	댓글의 answer 식별 ID
data.questionId	Number	댓글의 question 식별 ID
data.commentBody	String	댓글 본문 내용

3.3. 질문 답변에 달린 댓글 조회

curl-request

```
$ curl 'http://localhost:8080/comments/1' -i -X GET \
-H 'Accept: application/json'
```

BASH

http-request

GET /comments/1 HTTP/1.1  
Accept: application/json  
Host: localhost:8080

HTTP

http-response

HTTP/1.1 200 OK  
Content-Type: application/json  
Content-Length: 164

HTTP

```
{  
  "data" : {  
    "commentId" : 1,  
    "memberId" : 1,  
    "answerId" : 1,  
    "questionId" : 1,  
    "commentBody" : "this is commentBody, why? who are you?"  
  }  
}
```

Table 25. /comments/{comment-id}

Parameter	Description
comment-id	댓글 식별자 ID

request-body

response-body

```
{  
  "data" : {  
    "commentId" : 1,  
    "memberId" : 1,  
    "answerId" : 1,  
    "questionId" : 1,  
    "commentBody" : "this is commentBody, why? who are you?"  
  }  
}
```

Table 26. response-fields

Path	Type	Description
data	Object	결과 데이터
data.commentId	Number	댓글 식별자
data.memberId	Number	댓글의 member 식별 ID
data.answerId	Number	댓글의 answer 식별 ID
data.questionId	Number	댓글의 question 식별 ID
data.commentBody	String	댓글 본문 내용

3.4. 질문 답변에 달린 댓글 전체 조회

curl-request

```
$ curl 'http://localhost:8080/comments?page=1&size=10' -i -X GET \
-H 'Accept: application/json'
```

BASH

http-request

```
GET /comments?page=1&size=10 HTTP/1.1
Accept: application/json
Host: localhost:8080
```

HTTP

http-response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 508

{
  "data" : [ {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "comment1 Body man"
  }, {
    "commentId" : 2,
    "memberId" : 2,
    "answerId" : 2,
    "questionId" : 2,
    "commentBody" : "comment2 Body man"
  }, {
    "commentId" : 3,
    "memberId" : 3,
    "answerId" : 3,
    "questionId" : 3,
    "commentBody" : "comment3 Body man"
  } ],
  "pageInfo" : {
    "page" : 1,
    "size" : 10,
    "totalElements" : 3,
    "totalPages" : 1
  }
}
```

HTTP

request-body

response-body

```
{
  "data" : [ {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "comment1 Body man"
  }, {
    "commentId" : 2,
    "memberId" : 2,
    "answerId" : 2,
    "questionId" : 2,
    "commentBody" : "comment2 Body man"
  }, {
    "commentId" : 3,
    "memberId" : 3,
    "answerId" : 3,
    "questionId" : 3,
    "commentBody" : "comment3 Body man"
  } ],
  "pageInfo" : {
    "page" : 1,
    "size" : 10,
    "totalElements" : 3,
    "totalPages" : 1
  }
}
```

Table 27. response-fields

Path	Type	Description
data	Array	결과 데이터
data[].commentId	Number	댓글 식별자
data[].memberId	Number	댓글의 member 식별 ID
data[].answerId	Number	댓글의 answer 식별 ID
data[].questionId	Number	댓글의 question 식별 ID
data[].commentBody	String	댓글 본문 내용
pageInfo	Object	페이지 정보
pageInfo.page	Number	페이지 번호
pageInfo.size	Number	페이지 사이즈
pageInfo.totalElements	Number	전체 건 수
pageInfo.totalPages	Number	전체 페이지 수

### 3.5. 질문 답변에 달린 댓글 삭제

#### curl-request

```
$ curl 'http://localhost:8080/comments/1' -i -X DELETE
```

BASH

#### http-request

DELETE /comments/1 HTTP/1.1  
Host: localhost:8080

HTTP

http-response

HTTP/1.1 204 No Content

HTTP

Table 28. /comments/{comment-id}

Parameter	Description
comment-id	댓글 식별자 ID

request-body

response-body

==CommentController == 질문에 댓글 등록 .curl-request

```
$ curl 'http://localhost:8080/questions/comments/1' -i -X POST \  
-H 'Content-Type: application/json;charset=UTF-8' \  
-H 'Accept: application/json' \  
-d '{  
  "commentBody" : "this is commentBody and Question class",  
  "memberId" : 1,  
  "questionId" : 1  
}'
```

BASH

http-request

POST /questions/comments/1 HTTP/1.1  
Content-Type: application/json;charset=UTF-8  
Accept: application/json  
Content-Length: 100  
Host: localhost:8080  
  
{  
 "commentBody" : "this is commentBody and Question class",  
 "memberId" : 1,  
 "questionId" : 1  
}

HTTP

http-response

HTTP/1.1 201 Created  
Content-Type: application/json  
Content-Length: 164  
  
{  
 "data" : {  
 "commentId" : 1,  
 "memberId" : 1,  
 "answerId" : 1,  
 "questionId" : 1,  
 "commentBody" : "this is commentBody and Question class"  
 }  
}

HTTP

request-body

```
{
  "commentBody" : "this is commentBody and Question class",
  "memberId" : 1,
  "questionId" : 1
}
```

Table 29. request-fields

Path	Type	Description
questionId	Number	댓글의 question 식별 ID
memberId	Number	댓글의 member 식별 ID
commentBody	String	댓글 본문 내용

response-body

```
{
  "data" : {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "this is commentBody and Question class"
  }
}
```

3.6. 질문에 단 댓글 수정

curl-request

```
$ curl 'http://localhost:8080/questions/comments/1' -i -X PATCH \
-H 'Content-Type: application/json;charset=UTF-8' \
-H 'Accept: application/json' \
-d '{
  "commentBody" : "Question CommentBody Patch good",
  "questionId" : 1
}'
```

BASH

http-request

```
PATCH /questions/comments/1 HTTP/1.1
Content-Type: application/json;charset=UTF-8
Accept: application/json
Content-Length: 75
Host: localhost:8080

{
  "commentBody" : "Question CommentBody Patch good",
  "questionId" : 1
}
```

HTTP

http-response

HTTP/1.1 200 OK

Content-Type: application/json

Content-Length: 157

HTTP

```
{
  "data" : {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "Question CommentBody Patch good"
  }
}
```

Table 30. /questions/comments/{question-id}

Parameter	Description
question-id	댓글의 question 식별자 ID

request-body

```
{
  "commentBody" : "Question CommentBody Patch good",
  "questionId" : 1
}
```

Table 31. request-fields

Path	Type	Description
questionId	Number	댓글의 question 식별 ID
commentBody	String	댓글 본문 내용

response-body

```
{
  "data" : {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "Question CommentBody Patch good"
  }
}
```

Table 32. response-fields

Path	Type	Description
data	Object	결과 데이터
data.commentId	Number	댓글 식별자
data.memberId	Number	댓글의 member 식별 ID
data.answerId	Number	댓글의 answer 식별 ID
data.questionId	Number	댓글의 question 식별 ID



Path	Type	Description
data.commentBody	String	댓글 본문 내용

### 3.7. 질문에 단 댓글 조회

#### curl-request

```
$ curl 'http://localhost:8080/comments/1' -i -X GET \
-H 'Accept: application/json'
```

BASH

#### http-request

```
GET /comments/1 HTTP/1.1
Accept: application/json
Host: localhost:8080
```

HTTP

#### http-response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 164

{
  "data" : {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "this is commentBody, why? who are you?"
  }
}
```

HTTP

#### request-body

#### response-body

```
{
  "data" : {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "this is commentBody, why? who are you?"
  }
}
```

Table 33. response-fields

Path	Type	Description
data	Object	결과 데이터
data.commentId	Number	댓글 식별자
data.memberId	Number	댓글의 member 식별 ID
data.answerId	Number	댓글의 answer 식별 ID
data.questionId	Number	댓글의 question 식별 ID

Path	Type	Description
data.commentBody	String	댓글 본문 내용

### 3.8. 질문에 단 댓글 전체 조회

#### curl-request

```
$ curl 'http://localhost:8080/comments?page=1&size=10' -i -X GET \
-H 'Accept: application/json'
```

BASH

#### http-request

```
GET /comments?page=1&size=10 HTTP/1.1
Accept: application/json
Host: localhost:8080
```

HTTP

#### http-response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 508

{
  "data" : [ {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "comment1 Body man"
  }, {
    "commentId" : 2,
    "memberId" : 2,
    "answerId" : 2,
    "questionId" : 2,
    "commentBody" : "comment2 Body man"
  }, {
    "commentId" : 3,
    "memberId" : 3,
    "answerId" : 3,
    "questionId" : 3,
    "commentBody" : "comment3 Body man"
  } ],
  "pageInfo" : {
    "page" : 1,
    "size" : 10,
    "totalElements" : 3,
    "totalPages" : 1
  }
}
```

HTTP

#### request-body

Table 34. request-parameters

Parameter	Description
page	Page 번호
size	Page Size

#### response-body

```
{
  "data" : [ {
    "commentId" : 1,
    "memberId" : 1,
    "answerId" : 1,
    "questionId" : 1,
    "commentBody" : "comment1 Body man"
  }, {
    "commentId" : 2,
    "memberId" : 2,
    "answerId" : 2,
    "questionId" : 2,
    "commentBody" : "comment2 Body man"
  }, {
    "commentId" : 3,
    "memberId" : 3,
    "answerId" : 3,
    "questionId" : 3,
    "commentBody" : "comment3 Body man"
  } ],
  "pageInfo" : {
    "page" : 1,
    "size" : 10,
    "totalElements" : 3,
    "totalPages" : 1
  }
}
```

Table 35. response-fields

Path	Type	Description
data	Array	결과 데이터
data[].commentId	Number	댓글 식별자
data[].memberId	Number	댓글의 member 식별 ID
data[].answerId	Number	댓글의 answer 식별 ID
data[].questionId	Number	댓글의 question 식별 ID
data[].commentBody	String	댓글 본문 내용
pageInfo	Object	페이지 정보
pageInfo.page	Number	페이지 번호
pageInfo.size	Number	페이지 사이즈
pageInfo.totalElements	Number	전체 건 수
pageInfo.totalPages	Number	전체 페이지 수

### 3.9. 회원 삭제

#### curl-request

\$ curl 'http://localhost:8080/comments/1' -i -X DELETE

BASH

#### http-request

DELETE /comments/1 HTTP/1.1  
Host: localhost:8080

HTTP

http-response

HTTP/1.1 204 No Content

HTTP

request-body

Table 36. /comments/{comment-id}

Parameter	Description
comment-id	댓글 식별자 ID

response-body

## 4. ProfileController

### 4.1. 프로필 수정

curl-request

\$ curl 'http://localhost:8080/profiles/1' -i -X PATCH \  
-H 'Content-Type: application/json; charset=UTF-8' \  
-H 'Accept: application/json' \  
-d '{  
 "profileId" : 1,  
 "profileTitle" : "나는 슈퍼산찬맨",  
 "homepage" : "sc.io",  
 "location" : "Korea",  
 "about" : "만나서 반갑습니다. 개발자로 성공합니다.",  
 "profileView" : 1  
}'

BASH

http-request

PATCH /profiles/1 HTTP/1.1  
Content-Type: application/json; charset=UTF-8  
Accept: application/json  
Content-Length: 207  
Host: localhost:8080  
  
{  
 "profileId" : 1,  
 "profileTitle" : "나는 슈퍼산찬맨",  
 "homepage" : "sc.io",  
 "location" : "Korea",  
 "about" : "만나서 반갑습니다. 개발자로 성공합니다.",  
 "profileView" : 1  
}

HTTP

http-response

HTTP/1.1 200 OK

Content-Type: application/json

Content-Length: 236

HTTP

```
{
  "data" : {
    "profileId" : 1,
    "profileTitle" : "나는 슈퍼신찬맨",
    "homepage" : "sc.io",
    "location" : "Korea",
    "about" : "만나서 반갑습니다. 개발자로 성공합니다.",
    "profileView" : 1
  }
}
```

Table 37. /profiles/{profile-id}

Parameter	Description
profile-id	프로필 식별자 ID

request-body

```
{
  "profileId" : 1,
  "profileTitle" : "나는 슈퍼신찬맨",
  "homepage" : "sc.io",
  "location" : "Korea",
  "about" : "만나서 반갑습니다. 개발자로 성공합니다.",
  "profileView" : 1
}
```

Table 38. request-fields

Path	Type	Description
profileTitle	String	프로필 제목
homepage	String	프로필 홈페이지
location	String	프로필 주소
about	String	프로필 본문
profileView	Number	프로필 조회수

response-body

```
{
  "data" : {
    "profileId" : 1,
    "profileTitle" : "나는 슈퍼신찬맨",
    "homepage" : "sc.io",
    "location" : "Korea",
    "about" : "만나서 반갑습니다. 개발자로 성공합니다.",
    "profileView" : 1
  }
}
```

Table 39. response-fields

Path	Type	Description
------	------	-------------

Path	Type	Description
data	Object	결과 데이터
data.profileId	Number	프로필 식별자
data.profileTitle	String	프로필 제목
data.homepage	String	프로필 홈페이지
data.location	String	프로필 주소
data.about	String	프로필 본문
data.profileView	Number	프로필 조회수

## 4.2. 프로필 조회

### curl-request

```
$ curl 'http://localhost:8080/profiles/1' -i -X GET \
-H 'Accept: application/json'
```

BASH

### http-request

```
GET /profiles/1 HTTP/1.1
Accept: application/json
Host: localhost:8080
```

HTTP

### http-response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 236

{
  "data" : {
    "profileId" : 1,
    "profileTitle" : "나는 슈퍼신찬맨",
    "homepage" : "sc.io",
    "location" : "Korea",
    "about" : "만나서 반갑습니다. 개발자로 성공합니다.",
    "profileView" : 1
  }
}
```

HTTP

Table 40. /profiles/{profile-id}

Parameter	Description
profile-id	프로필 식별자 ID

### request-body

### response-body

```
{
  "data" : {
    "profileId" : 1,
    "profileTitle" : "나는 슈퍼신찬맨",
    "homepage" : "sc.io",
    "location" : "Korea",
    "about" : "만나서 반갑습니다. 개발자로 성공합시다.",
    "profileView" : 1
  }
}
```

Table 41. response-fields

Path	Type	Description
data	Object	결과 데이터
data	Object	결과 데이터
data.profileId	Number	프로필 식별자
data.profileTitle	String	프로필 제목
data.homepage	String	프로필 홈페이지
data.location	String	프로필 주소
data.about	String	프로필 본문
data.profileView	Number	프로필 조회수