

## BALLET EXERCISES API

### DATABASE

#### Collections

##### Exercises

- id
- title (string)
- mainImg (image)
- category (string)
- difficulty (int)
- explanation (object)
- illustrationSteps (array)
- tutorialVideo (video)
- dongs (array)
- tips (array)

##### Favorites

- id
- exercise

#### Example object

##### Exercises

```
{
  "id": "7",
  "title": "Échappé to 2nd Position",
  "mainImg": "./images/ech2pos/ill_ech2pos_3.png",
  "category": "Pointes",
  "difficulty": 3,

  "explanation": {
    "description": "Échappé on pointe is a controlled jump or slide where the feet open from fifth to second position. It develops balance, coordination, and control in relevé or full pointe.",
    "focus": "Maintain turnout, keep ankles lifted, land softly."
  },

  "illustrationSteps": [
    {
      "step": 1,
      "title": "Start in Fifth Position",
      "description": "Arms in preparation.",
      "imageUrl": "./images/ech2pos/ill_ech2pos_1.png"
    },
    {
      "step": 2,
      "title": "Engage Core and Ankles",
      "description": "Prepare for upward or lateral movement.",
    }
  ]
}
```

```
    "imageUrl": "./images/ech2pos/ill_ech2poss_2.png"
  },
  "tutorialVideo": "./videos/echappe.mp4",

  "donts": [
    {
      "text": "Don't let feet turn in.",
      "imageUrl": "./images/ech2pos/dont_ech2poss_1.png"
    },
  ],

  "tips": [
    {
      "text": "Strengthen relevé and demi-pointe exercises first.",
      "imageUrl": "./images/ech2pos/tips_ech2poss_1.png"
    }
  ]
}
```

#### Favorites

```
{
  _id: ObjectId(1234)
  exercise: ObjectId(5678)
}
```

## API

### Exercises

#### Example Request

GET /exercises?category=adagio&sortBy=difficulty

#### Example Request

\*GET /exercises/:id

-> Error Response (404, 500) = "exercise not found"

### Favorites

#### Example Request

\*GET /favorites

-> Error Response (500)

#### Example Request

\*POST /favorites

-> Error Response (400, 500) = "already favorited"

-> Successful message (201) = "favorite saved"

#### Example Request

\*DELETE /favorites/:exerciseld

-> Error Response(500)

-> Successful message = "favorite removed"