

# FixMyCode API - Endpoints

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## POST `/entries/` - Utwórz wpis

- Summary: Utwórz wpis
- Description: Tworzy nowy wpis `CodeEntry` w bazie.
- Request Body: `CodeEntry`
- Responses:
  - 201: `{ "id": string }`
  - 422: Validation Error

Example request:

```
curl -X POST \
  http://localhost:8000/entries/ \
  -H 'Content-Type: application/json' \
  -d '{
    "code_original": "int add(int a, int b){return a+b;}",
    "code_fixed": "int add(int a, int b){ return a + b; }",
    "code_hash":
    "e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855",
    "repo": {"url": "https://github.com/org/repo", "commit_hash":
    "a1b2c3d4", "commit_date": "2024-05-01T12:00:00"},
    "ingest_timestamp": "2024-05-02T10:00:00",
    "labels": {"correctness": true, "style": true}
  }'
```

Request body format (`CodeEntry`):

```
{
  "code_original": "string",
  "code_fixed": "string",
  "code_hash": "sha256 hex (64 znaki)",
  "repo": {
    "url": "string (https://...)",
    "commit_hash": "string",
    "commit_date": "datetime"
  },
  "ingest_timestamp": "datetime",
  "labels": {
    "memory_errors": bool,
    "undefined_behavior": bool,
    "correctness": bool,
    "performance": bool,
    "style": bool
  }
}
```

```
}  
}
```

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## GET `/entries/{entry_id}` - Pobierz wpis

- Summary: Pobierz wpis
- Description: Zwraca pojedynczy wpis `CodeEntry`.
- Path Params:
  - `entry_id` (string): ID wpisu
- Responses:
  - 200: `CodeEntry`
  - 404: Nie znaleziono wpisu

Example request:

```
curl http://localhost:8000/entries/665f1c2b8a9c4e3d2f1a0b9c
```

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## GET `/entries/` - Lista wpisów

- Summary: Lista wpisów
- Description: Zwraca listę wpisów.
- Query Params:
  - `limit` (int, default=100)
- Responses:
  - 200: `CodeEntry[]`

Example request:

```
curl 'http://localhost:8000/entries/?limit=50'
```

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## PUT `/entries/{entry_id}` - Zaktualizuj wpis

- Summary: Zaktualizuj wpis
- Description: Aktualizuje pola wpisu `CodeEntry`.
- Path Params:
  - `entry_id` (string): ID wpisu
- Request Body: `object` (dowolne pola do zaktualizowania), np. `{ "code_fixed": "..." }`
- Responses:
  - 200: `{ "updated": number }`
  - 404: Nie znaleziono wpisu lub brak zmian

Example request:

```
curl -X PUT \
  http://localhost:8000/entries/665f1c2b8a9c4e3d2f1a0b9c \
  -H 'Content-Type: application/json' \
  -d '{"code_fixed": "int add(int a, int b){ return a + b; }"}'
```

Request body format (partial update — dowolny podzbiór pól **CodeEntry**):

```
{
  "code_original": "string",
  "code_fixed": "string",
  "code_hash": "sha256 hex",

  "labels": {
    "correctness": true,
    "style": true
  }
}
```

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## DELETE **/entries/{entry\_id}** - Usuń wpis

- Summary: Usuń wpis
- Description: Usuwa wpis **CodeEntry** o podanym ID.
- Path Params:
  - **entry\_id** (string): ID wpisu
- Responses:
  - 200: { **"deleted": number** }
  - 404: Nie znaleziono wpisu

Example request:

```
curl -X DELETE http://localhost:8000/entries/665f1c2b8a9c4e3d2f1a0b9c
```

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## POST **/entries/query/** - Zapytanie po filtrach

- Summary: Zapytanie po filtrach
- Description: Zwraca listę wpisów wg filtra, sortowania i limitu.
- Query Params:
  - **limit** (int, default=100)
- Request Body:
  - **filter** (object): np. { **"labels.groups.correctness": true** }
  - **sort** (object): np. { **"ingest\_timestamp": -1** }

- Responses:
  - 200: `CodeEntry[]`

Example request:

```
curl -X POST \
  'http://localhost:8000/entries/query/?limit=25' \
  -H 'Content-Type: application/json' \
  -d '{
    "filter": {"labels.groups.correctness": true},
    "sort": {"ingest_timestamp": -1}
  }'
```

Request body format:

```
{
  "filter": {
    "labels.groups.correctness": true,
    "repo.commit_hash": "a1b2c3d4",
  },
  "sort": {
    "ingest_timestamp": -1,
    "repo.commit_date": -1
  }
}
```