

Documentation: Comprehensive Blog API

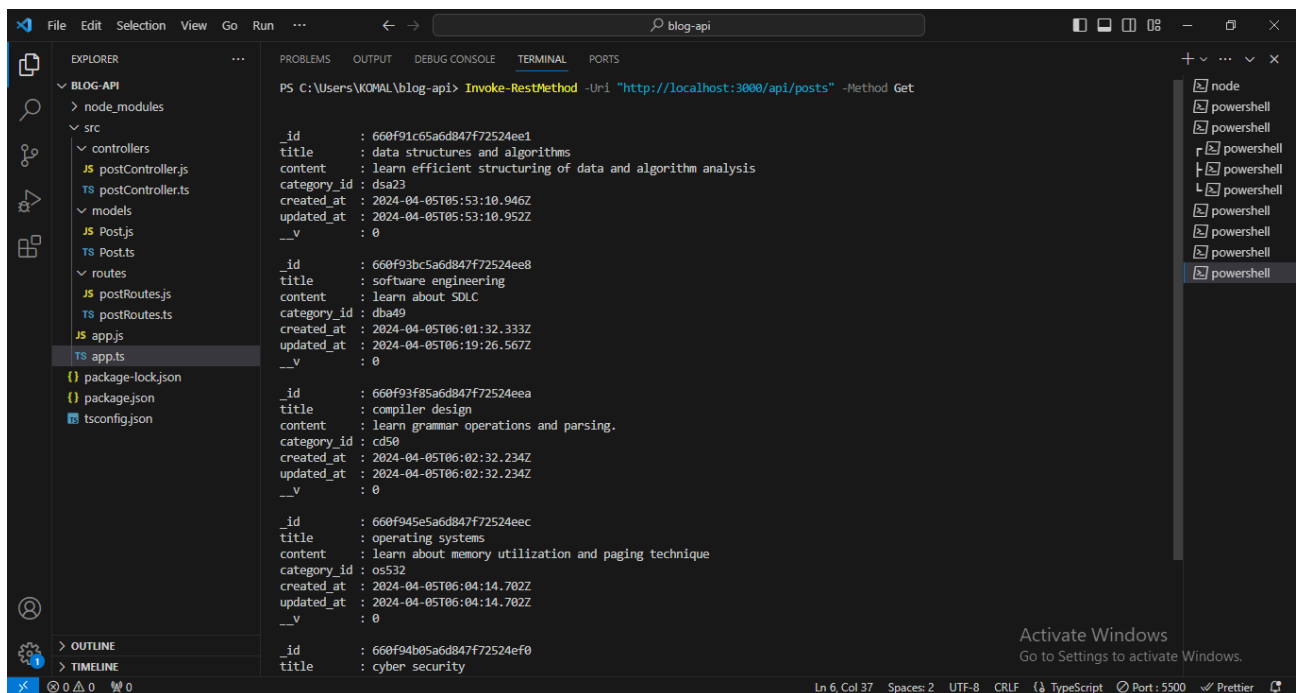
All API Endpoints, specifying their purpose, expected parameters, and response formats.

- **GET /api/posts:** Retrieve a list of all blog posts.

Purpose: Retrieve a list of all blog posts.

Expected Parameters: None.

Response Format: An array of blog post objects. Each object should contain the following fields: id, title, content, created_at, updated_at, and category.



```
PS C:\Users\KOPAL\blog-api> Invoke-WebRequest -Uri "http://localhost:3000/api/posts" -Method Get

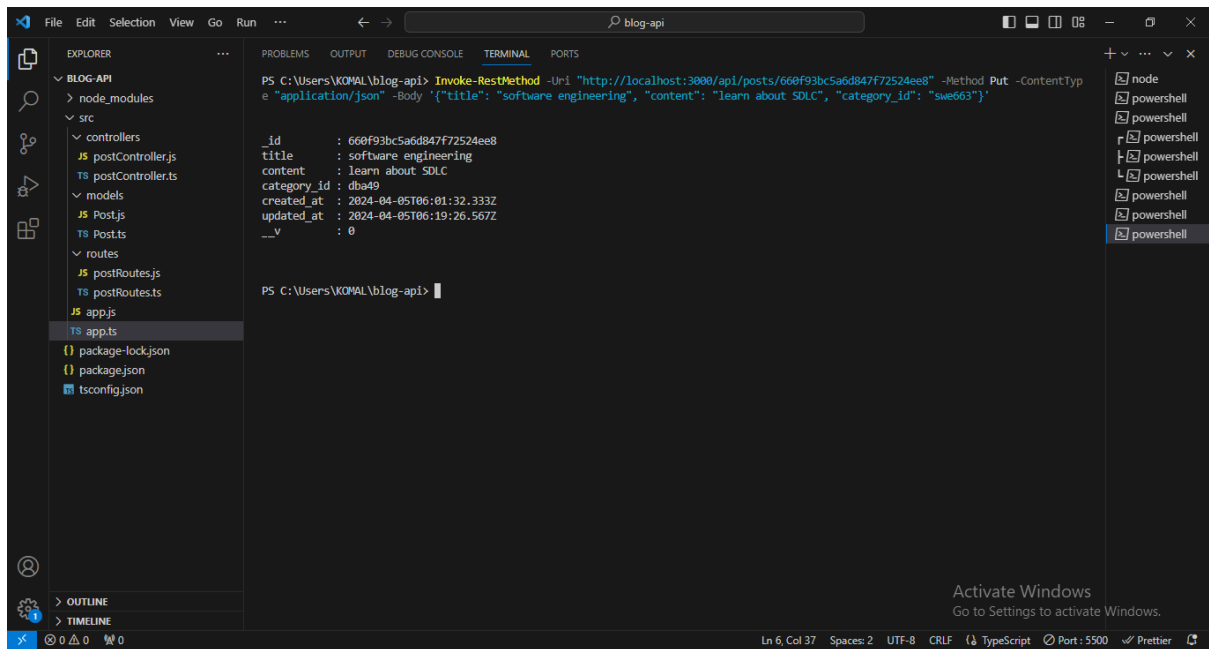
{
  "_id": "660f91c65a6d847f72524ee1",
  "title": "data structures and algorithms",
  "content": "learn efficient structuring of data and algorithm analysis",
  "category_id": "dsa23",
  "created_at": "2024-04-05T05:53:10.946Z",
  "updated_at": "2024-04-05T05:53:10.952Z",
  "__v": 0
},
{
  "_id": "660f93bc5a6d847f72524ee8",
  "title": "software engineering",
  "content": "learn about SDLC",
  "category_id": "dba49",
  "created_at": "2024-04-05T06:01:32.333Z",
  "updated_at": "2024-04-05T06:19:26.567Z",
  "__v": 0
},
{
  "_id": "660f93f85a6d847f72524eea",
  "title": "compiler design",
  "content": "learn grammar operations and parsing.",
  "category_id": "cd50",
  "created_at": "2024-04-05T06:02:32.234Z",
  "updated_at": "2024-04-05T06:02:32.234Z",
  "__v": 0
},
{
  "_id": "660f945e5a6d847f72524eec",
  "title": "operating systems",
  "content": "learn about memory utilization and paging technique",
  "category_id": "os532",
  "created_at": "2024-04-05T06:04:14.702Z",
  "updated_at": "2024-04-05T06:04:14.702Z",
  "__v": 0
},
{
  "_id": "660f94b05a6d847f72524ef0",
  "title": "cyber security"
}
```

- **GET /api/posts/:id:** Retrieve a specific blog post by its ID. Include the category of the blog post in the response.

Purpose: Retrieve a specific blog post by its ID. Include the category of the blog post in the response.

Expected Parameters: id (ID of the blog post).

Response Format: A single blog post object with the specified ID. The object should contain the same fields as above (id, title, content, created_at, updated_at, and category).

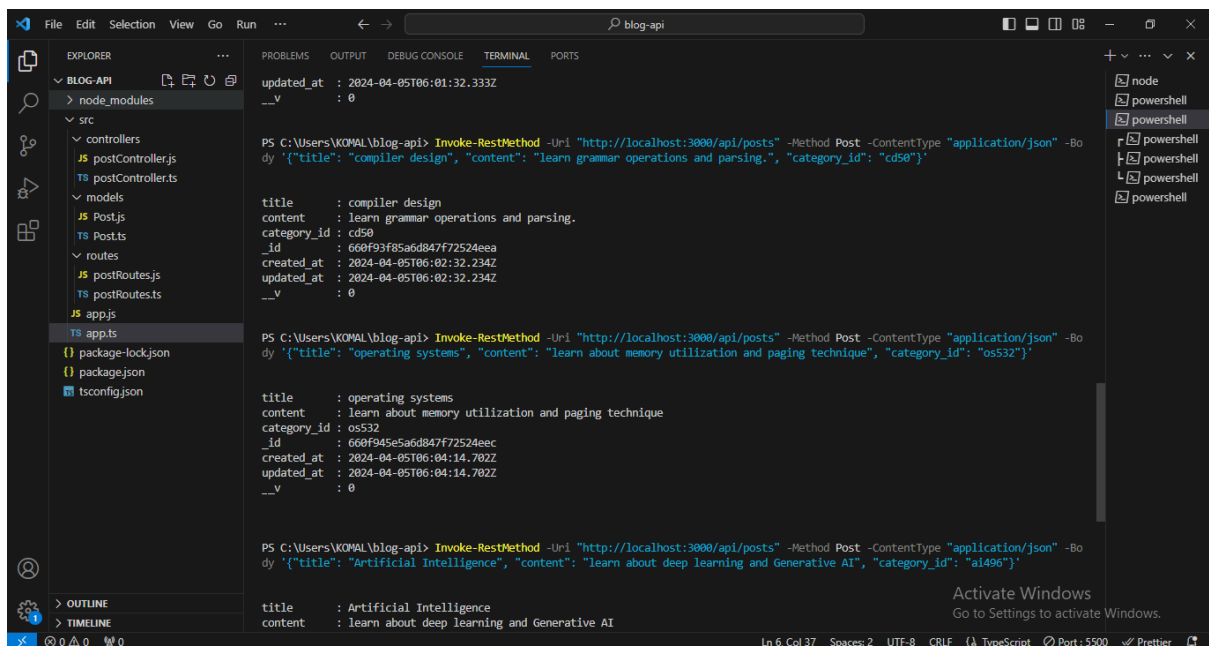


- **POST /api/posts:** Create a new blog post. The request body should contain title, content, and category_id.

Purpose: Create a new blog post.

Expected Parameters: Request body should contain title, content, and category_id.

Response Format: The newly created blog post object. It should contain the same fields as above (id, title, content, created_at, updated_at, and category).



- **PUT /api/posts/:id:** Update an existing blog post by its ID. The request body should contain title and content.

Purpose: Update an existing blog post by its ID.

Expected Parameters: id (ID of the blog post) in the URL path. Request body should contain title and content.

Response Format: The updated blog post object. It should contain the same fields as above (id, title, content, created_at, updated_at, and category).

```

PS C:\Users\VKOMAL\blog-api> Invoke-RestMethod -Uri "http://localhost:3000/api/posts/660f93bc5a6d847f72524ee8" -Method Put -ContentType "application/json" -Body '{"title": "software engineering", "content": "learn about SDLC", "category_id": "swe663"}'

  _id      : 660f93bc5a6d847f72524ee8
  title     : software engineering
  content   : learn about SDLC
  category_id : dba49
  created_at : 2024-04-05T06:01:32.333Z
  updated_at : 2024-04-05T06:19:26.567Z
  _v        : 0
  
```

- **DELETE /api/posts/:id:** Delete a blog post by its ID.

Purpose: Delete a blog post by its ID.

Expected Parameters: id (ID of the blog post).

Response Format: A success message indicating the deletion was successful.

```

PS C:\Users\VKOMAL\blog-api> Invoke-RestMethod -Uri "http://localhost:3000/api/posts/660f948d5a6d847f72524ee8" -Method Delete

{"message": "Blog post deleted successfully"}
  
```