The Daily Commit — API Documentation

Overview  
The Daily Commit is a developer-centric news aggregation REST API. It fetches and organizes developer-focused articles across programming languages and computer science sectors, while allowing user submissions, voting, weekly digests, and discovery.

Base URL  
[the-daily-commit-developer-news-api-production.up.railway.app](https://the-daily-commit-developer-news-api-production.up.railway.app/)

Endpoints

GET | /news | Fetch recent news | limit, recent

POST | /news | Submit new article | body JSON

GET | /categories | Fetch by CS sector | searchCategory, limit, recent

GET | /languages | Fetch by programming language | language, limit, recent

GET | news/weekly\_digest | gives n

POST | news/upvote | Vote for an article | body JSON  
  
  
Report issues to <https://github.com/buildingBuild/the-daily-commit-developer-news-api/issues>

GET /news  
Description: Fetch recent news articles  
Query Parameters:

* limit (integer, optional) → max number of results (default: 20)
* recent (boolean, optional) → if true, sorts by most recent  
  Response 200 Example:  
  [  
  {  
  "category": "AI",  
  "language": "Python",  
  "Headline": "Nvidia Sales Jump 56%",  
  "summary": "Quarterly results overview",  
  "link": "https://example.com/article",  
  "src": "The New York Times",  
  "author": "Tripp Mickle",  
  "Date": "2025-08-27T00:00:00.000Z"  
  }  
  ]

POST /news  
Description: Submit a new article  
Body (JSON):  
{  
"category": "AI",  
"language": "Python",  
"Headline": "New Diffusion Model Techniques",  
"summary": "Paper recap",  
"link": "https://example.com/paper",  
"src": "ArXiv",  
"author": "Jane Doe",  
"Date": "2025-09-20T00:00:00.000Z"  
}  
Response 201 Example:  
{  
"id": "68b89cb5e51dcd84fb7822b3",  
"message": "Article created successfully"  
}

GET /categories  
Description: Fetch articles by computer science sector  
Query Parameters:

* searchCategory (string, required) → one of these ["AI", "webDev", "Robotics", "cybersecurity", "dScience"]
* limit (integer, optional)
* recent (boolean, optional)

Response 200 Example:  
[  
{  
"category": "Security",  
"language": "Go",  
"Headline": "Zero-day exploits explained",  
"summary": "Deep dive into common exploit patterns",  
"link": "https://example.com/article",  
"src": "Security Journal",  
"author": "Alice Smith",  
"Date": "2025-09-15T00:00:00.000Z"  
}  
]

GET /languages  
Description: Fetch articles by programming language  
Query Parameters:

* searchCategory (string, required) → one of these = ["Rust", "golang", "javascript", "cplusplus", "python", "java"]
* limit (integer, optional)
* recent (boolean, optional)  
  Response 200 Example:  
  [  
  {  
  "category": "Web",  
  "language": "JavaScript",  
  "Headline": "Async/Await Best Practices",  
  "summary": "Tips for writing clean async code",  
  "link": "https://example.com/article",  
  "src": "Web Dev Weekly",  
  "author": "John Doe",  
  "Date": "2025-09-10T00:00:00.000Z"  
  }  
  ]

POST /upvote  
Description: Vote for an article  
Body (JSON):  
{ "id": "68b89cb5e51dcd84fb7822b3" }  
Response 201 Example:  
{ "message": "Vote recorded" }

Error Handling  
400 → invalid params or body  
404 → route not found  
500 → server/database error

Notes

* All responses are in JSON format.
* Articles and votes are stored in MongoDB with timestamps.