

GET /api/resources/ — list resources

Purpose

Return a paginated list of curated external resources (articles, videos, PDFs). Public endpoint — no auth required.

URL : GET `http://localhost:8000/api/resources/`

(Use your production base URL in production.)

Permissions

- `AllowAny` — public.

Query parameters

- `q` — optional. Free-text search applied to `title` OR `description` (case-insensitive, partial match).
 - Example: `?q=stress`
- `type` — optional. Filter by resource type. Allowed values (case-insensitive): `article`, `video`, `pdf`.
 - Example: `?type=video`
 - Any other value is ignored (no filter applied).
- Pagination:
 - `page` — optional page number (1-indexed).
 - `page_size` — optional items per page.
 - The default and maximum `page_size` are defined by your `ResourcePagination` class (commonly `page_size=10`, `max_page_size=50`). If not customized, follow your project's pagination defaults.

Sorting

- Results are ordered by `-created_at` (newest first) as implemented in `get_queryset()`.

Response format (200 OK)

Paginated response. Example shape (fields returned by `ResourceSerializer`):

```
{
  "count": 6,
  "page": 1,
  "page_size": 10,
  "next": "http://localhost:8000/api/resources/?page=2",
  "previous": null,
  "results": [
    {
      "id": 12,
      "title": "Mindfulness for Beginners",
      "resource_type": "video",
      "thumbnail_url": "https://img.youtube.com/vi/abcd1234/0.jpg",
      "url": "https://www.youtube.com/watch?v=abcd1234",
      "description": "A 12-minute introduction to mindfulness.",
      "tags": ["mindfulness", "intro"],
      "source": "YouTube",
      "published_at": "2021-06-01",
      "created_at": "2025-10-01T10:00:00Z"
    },
    {
      "id": 13,
      "title": "CBT Workbook (PDF)",
      "resource_type": "pdf",
      "thumbnail_url": "https://example.com/thumbs/cbt.png",
      "url": "https://example.com/resources/cbt-guide.pdf",
      "description": "Downloadable CBT workbook.",
      "tags": ["CBT", "workbook"],
      "source": "ExampleOrg",
      "published_at": "2019-02-15",
      "created_at": "2025-09-30T11:00:00Z"
    }
    // ...
  ]
}
```

Example requests

- List all (first page):

GET /api/resources/

- Search for "stress":

GET /api/resources/?q=stress

- Videos only:

GET /api/resources/?type=video

- Search + type:

GET /api/resources/?q=stress&type=article

- Pagination:

GET /api/resources/?page=2&page_size=5

Frontend (browser console) examples

- Basic:

```
fetch("http://localhost:8000/api/resources/")  
  .then(r => r.json())  
  .then(console.log);
```

- Search:

```
fetch("http://localhost:8000/api/resources/?q=stress")  
  .then(r => r.json()).then(console.log);
```

- Videos only:

```
fetch("http://localhost:8000/api/resources/?type=video")  
  .then(r => r.json()).then(console.log);
```

- Combined + pagination:

```
fetch("http://localhost:8000/api/resources/?q=cbt&type=pdf&page=1&page_size=5")  
  .then(r => r.json()).then(console.log);
```

Errors / status codes

- **200 OK** — request successful (may be empty **results** if no matches).
- **400 Bad Request** — invalid query parameters (for example if your pagination class rejects a non-integer **page** or an out-of-range **page_size**). Response will contain a JSON error message.
- **500 Internal Server Error** — server-side error (rare).

Notes & frontend tips

- Because the **type** filter is case-insensitive and only accepts **article|video|pdf**, send **type** in lowercase for clarity.
- If a **special** parameter or additional filters are later added to the view, the frontend should gracefully ignore unknown query params.
- Use the **next/previous** links from the response to implement “load more” or page navigation (they are full URLs).
- Always handle the case **results: []** and show a friendly “No resources found” UI.
- **url** points outwards — open in a new tab **target="_blank"** with **rel="noopener"**.