

Entity Object Documentation

The **Entity** object represents a core item within Replyke. It can model anything from a social media post or product listing to a static page or location-based record. It supports rich metadata, votes, mentions, optional location tagging and more.

Properties

Property	Type	Description
<code>id</code>	<code>string</code>	Unique identifier for the entity (UUID).
<code>projectId</code>	<code>string</code>	Identifier of the project this entity belongs to (UUID).
<code>foreignId</code>	<code>string null</code>	Optional external or static identifier (e.g., "about-page"). May not be a UUID.
<code>shortId</code>	<code>string</code>	Auto-generated unique short identifier used for sharing or routing.
<code>user</code>	<code>UserLean null</code>	Optional lightweight user object representing the creator.
<code>title</code>	<code>string null</code>	Optional title or heading for the entity.
<code>content</code>	<code>string null</code>	Optional main content or description.
<code>mentions</code>	<code>Mention[]</code>	Array of users mentioned in the content. Each item includes user ID (UUID) and username.
<code>attachments</code>	<code>Record<string, any>[]</code>	Flexible array of media/info objects (e.g., URLs, sizes, formats).
<code>keywords</code>	<code>string[]</code>	Tags or keywords associated with the entity.

Property	Type	Description
upvotes	string[]	Array of user IDs (UUIDs) who upvoted the entity.
downvotes	string[]	Array of user IDs (UUIDs) who downvoted the entity.
repliesCount	number	Total number of comments and replies associated with the entity.
views	number	Total view count.
score	number	Activity-based score ("hotness") used for ranking.
scoreUpdatedAt	Date	Timestamp of the last score calculation.
location	{ type: "Point", coordinates: [number, number] } null	Optional GeoJSON-style location ([longitude, latitude]).
metadata	Record<string, any>	Flexible metadata (up to 10KB) to store additional project-specific info.
topComment	TopComment null	Top-rated comment for this entity, if one exists.
createdAt	Date	Timestamp when the entity was created.
updatedAt	Date	Timestamp of the most recent update.
deletedAt	Date null	Timestamp when the entity was deleted, if applicable.

Supporting Types

TopComment

Property	Type	Description
id	string	ID of the comment (UUID).

Property	Type	Description
user	UserLean	User who posted the comment.
upvotesCount	number	Number of upvotes the comment received.
content	string	Text content of the comment.
createdAt	string	Timestamp the comment was created.

Example Use Cases

Social Media Post

```
{
  "id": "550e8400-e29b-41d4-a716-446655440000",
  "content": "Check out this amazing sunset!",
  "attachments": [{ "url": "https://example.com/media/sunset.jpg", "size": "2MB" }],
  "keywords": ["sunset", "nature"],
  "user": { "id": "550e8400-e29b-41d4-a716-446655440001", "name": "John Doe" }
}
```

Marketplace Product

```
{
  "id": "550e8400-e29b-41d4-a716-446655440002",
  "title": "Wireless Earbuds",
  "content": "Experience high-quality sound with our new earbuds.",
  "attachments": [],
  "keywords": ["electronics", "audio"]
}
```

Static Page (About Us)

```
{
  "id": "550e8400-e29b-41d4-a716-446655440003",
  "foreignId": "about-page",
  "title": "About Us",
  "content": "Welcome to our platform. Here is what we do.",
  "attachments": [],
  "user": null
}
```

Location-Based Listing (Hotel)

```
{
  "id": "550e8400-e29b-41d4-a716-446655440004",
  "title": "Cozy Beachside Hotel",
  "content": "Enjoy your stay at our beautiful beachside hotel.",
  "location": { "type": "Point", "coordinates": [34.0522, -118.2437] },
  "metadata": { "rating": 4.5, "price": "199.99" },
  "user": { "id": "550e8400-e29b-41d4-a716-446655440005", "name": "Sunrise Hotels" }
}
```

Integration Notes

- The `Entity` structure is intentionally flexible for integration into varied content pipelines, including static, dynamic, or externally referenced data.
- `foreignId` enables mapping to external datasets without requiring UUIDs.
- `attachments`, `metadata`, and `location` provide extensibility without schema changes.

Ready to move on to `Mention` or `UserLean` next?

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