

# Fizzy Webhooks Documentation

This document describes the webhook payload structure for Fizzy (<https://app.fizzy.do>).

## Overview

Fizzy sends HTTP POST requests to your configured webhook URL when certain events occur. Each request includes a signature header for verification.

## Authentication

### Headers

Header	Description
X-Webhook-Signature	HMAC-SHA256 signature of the request body
X-Webhook-Timestamp	ISO 8601 timestamp of when the webhook was sent
Content-Type	application/json
User-Agent	fizzy/1.0.0 Webhook

### Signature Verification

To verify the webhook signature:

1. Get your webhook secret from Fizzy settings
2. Compute HMAC-SHA256 of the raw request body using your secret
3. Compare the result with the X-Webhook-Signature header

#### Ruby Example:

```
require 'openssl'

def verify_signature(body, signature, secret)
  expected = OpenSSL::HMAC.hexdigest('SHA256', secret, body)
  OpenSSL.secure_compare(expected, signature)
end
```

#### JavaScript Example:

```
const crypto = require('crypto');

function verifySignature(body, signature, secret) {
  const expected = crypto.createHmac('sha256', secret).update(body).digest('hex');
  return crypto.timingSafeEqual(Buffer.from(expected), Buffer.from(signature));
}
```

# Payload Structure

All webhook payloads share a common structure:

```
{
  "id": "unique_event_id",
  "action": "event_type",
  "created_at": "2025-12-01T12:36:41.278Z",
  "eventable": { ... },
  "board": { ... },
  "creator": { ... }
}
```

## Common Fields

Field	Type	Description
id	string	Unique identifier for this webhook event
action	string	The type of event (see Event Types below)
created_at	string	ISO 8601 timestamp of when the event occurred
eventable	object	The primary object affected by the event (Card or Comment)
board	object	The board where the event occurred
creator	object	The user who triggered the event

## Event Types

Action	UI Trigger	Description
card_published	Card added	A new card was created
card_board_changed	Card board changed	Card was moved to a different board
comment_created	Comment added	A comment was added to a card
card_assigned	Card assigned	Card was assigned to a user
card_unassigned	Card unassigned	Card was unassigned from a user
card_triaged	Card column changed	Card was moved to a column
card_closed	Card moved to "Done"	Card was marked as complete
card_reopened	Card reopened	Card was reopened from Done
card_postponed	Card moved to "Not Now"	Card was manually postponed

Action	UI Trigger	Description
card_postponed	Card moved to "Not Now" due to inactivity	Card was auto-postponed (same action)
card_sent_back_to_triage	Card moved back to "Maybe?"	Card was sent back to triage

## Object Schemas

### User Object

```
{
  "id": "03f25q9q7bw7t3206v9ttiy53",
  "name": "Rob",
  "role": "owner",
  "active": true,
  "email_address": "user@example.com",
  "created_at": "2025-11-18T17:25:14.054Z",
  "url": "https://app.fizzy.do/6086023/users/03f25q9q7bw7t3206v9ttiy53"
}
```

Field	Type	Description
id	string	Unique user identifier
name	string	Display name
role	string	User role (e.g., "owner")
active	boolean	Whether the user is active
email_address	string	User's email address
created_at	string	ISO 8601 timestamp
url	string	URL to user profile

### Board Object

```
{
  "id": "03f25q9qe6193arwscdoc0htk",
  "name": "Test",
  "all_access": false,
  "created_at": "2025-11-06T02:52:46.688Z",
  "creator": { ... }
}
```

Field	Type	Description
id	string	Unique board identifier
name	string	Board name
all_access	boolean	Whether board is accessible to all
created_at	string	ISO 8601 timestamp
creator	object	User who created the board

## Card Object (eventable)

```
{
  "id": "03f25q9qv6epc1bjiintxmver",
  "title": "Card title",
  "status": "published",
  "image_url": null,
  "golden": false,
  "last_active_at": "2025-12-01T12:36:41.280Z",
  "created_at": "2025-12-01T12:36:41.273Z",
  "url": "https://app.fizzy.do/6086023/cards/14",
  "board": { ... },
  "column": { ... },
  "creator": { ... }
}
```

Field	Type	Description
id	string	Unique card identifier
title	string	Card title
status	string	Card status (e.g., "published")
image_url	string  null	URL to card image if present
golden	boolean	Whether card is marked as golden
last_active_at	string	ISO 8601 timestamp of last activity
created_at	string	ISO 8601 timestamp
url	string	URL to view the card
board	object	Board the card belongs to
column	object	Column the card is in (only for triaged/closed/reopened events)
creator	object	User who created the card

# Column Object

Present on `card_triaged`, `card_closed`, and `card_reopened` events:

```
{
  "id": "03f25q9qmd7yw1zub1gecamkr",
  "name": "In Progress",
  "color": {
    "name": "Blue",
    "value": "var(--color-card-default)"
  },
  "created_at": "2025-11-06T02:53:56.791Z"
}
```

Field	Type	Description
<code>id</code>	string	Unique column identifier
<code>name</code>	string	Column name
<code>color</code>	object	Column color settings
<code>color.name</code>	string	Color name (e.g., "Blue", "Pink")
<code>color.value</code>	string	CSS variable for the color
<code>created_at</code>	string	ISO 8601 timestamp

# Comment Object (eventable)

For `comment_created` events:

```
{
  "id": "03f4xrj4hhdsths8l108hkrh3",
  "created_at": "2025-12-01T12:40:34.612Z",
  "updated_at": "2025-12-01T12:40:34.615Z",
  "body": {
    "plain_text": "looks great!",
    "html": "<div class=\"action-text-content\">\n  <p>looks great!</p>\n</div>\n"
  },
  "creator": { ... },
  "reactions_url": "https://app.fizzy.do/.../reactions",
  "url": "https://app.fizzy.do/.../comments/..."
}
```

Field	Type	Description
<code>id</code>	string	Unique comment identifier
<code>created_at</code>	string	ISO 8601 timestamp

Field	Type	Description
<code>updated_at</code>	string	ISO 8601 timestamp
<code>body</code>	object	Comment content
<code>body.plain_text</code>	string	Plain text version
<code>body.html</code>	string	HTML formatted version
<code>creator</code>	object	User who created the comment
<code>reactions_url</code>	string	URL for comment reactions
<code>url</code>	string	URL to the comment

## Event Payload Examples

### card\_published

Triggered when a new card is created.

```
{
  "id": "03f4xqrryt3kcucdncl7jbkrx",
  "action": "card_published",
  "created_at": "2025-12-01T12:36:41.278Z",
  "eventable": {
    "id": "03f25q9qv6epc1bjiintxmver",
    "title": "adding card",
    "status": "published",
    "image_url": null,
    "golden": false,
    "last_active_at": "2025-12-01T12:36:41.280Z",
    "created_at": "2025-12-01T12:36:41.273Z",
    "url": "https://app.fizzy.do/6086023/cards/14",
    "board": { ... },
    "creator": { ... }
  },
  "board": { ... },
  "creator": { ... }
}
```

### comment\_created

Triggered when a comment is added to a card.

```
{
  "id": "03f4xrj4mhsezl9bimn9lxh0a",
  "action": "comment_created",
  "created_at": "2025-12-01T12:40:34.640Z",
  "eventable": {
```

```

    "id": "03f4xrj4hhdsths8l108hkrh3",
    "created_at": "2025-12-01T12:40:34.612Z",
    "updated_at": "2025-12-01T12:40:34.615Z",
    "body": {
      "plain_text": "looks great!",
      "html": "<div class=\"action-text-content\">\n  <p>looks great!</p>\n</div>\n"
    },
    "creator": { ... },
    "reactions_url": "https://app.fizzy.do/.../reactions",
    "url": "https://app.fizzy.do/.../comments/..."
  },
  "board": { ... },
  "creator": { ... }
}

```

## card\_board\_changed

Triggered when a card is moved to a different board.

```

{
  "id": "03f4xrrvefiolce45o7k6gpk8",
  "action": "card_board_changed",
  "created_at": "2025-12-01T12:41:49.240Z",
  "eventable": {
    "id": "03f4xr8cgjg2rjailz64eig56",
    "title": "adding another card",
    "status": "published",
    ...
  },
  "board": { ... },
  "creator": { ... }
}

```

## card\_assigned / card\_unassigned

Triggered when a card is assigned to or unassigned from a user.

```

{
  "id": "03f4xrv7pqb9jmcmoip1eb5o5",
  "action": "card_assigned",
  "created_at": "2025-12-01T12:42:17.754Z",
  "eventable": { ... },
  "board": { ... },
  "creator": { ... }
}

```

## card\_triaged

Triggered when a card is moved to a column.

```
{
  "id": "03f4xrvu911qlv1f0917rz6gi",
  "action": "card_triaged",
  "created_at": "2025-12-01T12:42:23.097Z",
  "eventable": {
    "id": "03f4xr8cgjg2rjailz64eig56",
    "title": "adding another card",
    "status": "published",
    ...
    "column": {
      "id": "03f25q9qmd7yw1zub1gecamkr",
      "name": "In Progress",
      "color": {
        "name": "Blue",
        "value": "var(--color-card-default)"
      },
      "created_at": "2025-11-06T02:53:56.791Z"
    },
    ...
  },
  "board": { ... },
  "creator": { ... }
}
```

## card\_closed

Triggered when a card is moved to "Done".

```
{
  "id": "03f4xrxv6xr8nvgu72hl05m7s",
  "action": "card_closed",
  "created_at": "2025-12-01T12:42:40.383Z",
  "eventable": {
    ...
    "column": {
      "id": "03f25q9qnqjs53von00shkzm9",
      "name": "Done Column",
      "color": {
        "name": "Pink",
        "value": "var(--color-card-8)"
      },
      ...
    },
    ...
  },
  "board": { ... },
  "creator": { ... }
}
```



```
}
```

## card\_reopened

Triggered when a card is reopened from Done.

```
{
  "id": "03f4xryfjk0m8p7gaqriw1bh7",
  "action": "card_reopened",
  "created_at": "2025-12-01T12:42:45.205Z",
  "eventable": {
    ...
    "column": { ... },
    ...
  },
  "board": { ... },
  "creator": { ... }
}
```

## card\_postponed

Triggered when a card is moved to "Not Now" (manually or due to inactivity).

```
{
  "id": "03f4xrz6kha05vrrjus8bd8en",
  "action": "card_postponed",
  "created_at": "2025-12-01T12:42:51.610Z",
  "eventable": { ... },
  "board": { ... },
  "creator": { ... }
}
```

## card\_sent\_back\_to\_triage

Triggered when a card is moved back to "Maybe?".

```
{
  "id": "03f4xs06boipsjldciuz3yxlr",
  "action": "card_sent_back_to_triage",
  "created_at": "2025-12-01T12:43:00.084Z",
  "eventable": { ... },
  "board": { ... },
  "creator": { ... }
}
```

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## Limitations

- **Card body/content not included** - The card object in webhook payloads only includes the `title`, not the full body/description content. Comments include both `plain_text` and `html` in their `body` field,

but cards do not. Since Fizzy doesn't currently have a public API, there's no way to fetch the full card content programmatically - you'll need to use the `url` field to view the card manually in the browser.

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## Best Practices

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1. **Always verify signatures** - Use timing-safe comparison to prevent timing attacks
2. **Respond quickly** - Return a 2xx status code promptly; process webhooks asynchronously if needed
3. **Handle duplicates** - Use the event `id` to deduplicate if you receive the same event twice
4. **Log failures** - Keep track of failed webhook deliveries for debugging