

Hazel Conversations API — Frontend Integration Guide

Base URL

http://143.198.187.46:8001

Overview

This API provides access to conversation data and AI-generated weekly summaries for Hazel users. It includes:

- 1. A health check endpoint (for server availability).
- 2. A conversation data endpoint (for fetching recent messages).
- 3. A weekly summary endpoint (for displaying insights from recent conversations).

1. Health Check Endpoint

Endpoint: GET /health

Purpose: Use this endpoint to verify that the backend service is running and reachable.

Example Request:

```
curl http://143.198.187.46:8001/health
```

Example Response:

```
{
  "status": "healthy",
  "timestamp": "2025-10-22T09:31:58.787214+00:00"
}
```

2. Conversation Data Endpoint

Endpoint: POST /conversations/data

Purpose: Fetch raw conversation logs for a given account and profile over a specified time range (in weeks).

| Key | Type | Required | Description |
|------------------|---------|----------|------------------------------------|
| account_id | integer | Yes | The account ID (user's global ID). |
| profile_id | integer | Yes | The user's active profile ID. |
| time_range_weeks | integer | Yes | Number of weeks to fetch data for. |

Example Request:

```
curl -X POST "http://143.198.187.46:8001/conversations/data" \
-H "Content-Type: application/json" \
-d '{"account_id": 101, "profile_id": 101, "time_range_weeks": 1}'
```

Example Response:

```
{
  "account_id": 101,
  "profile_id": 101,
  "time_range_weeks": 1,
  "conversations": [
    {
      "conversation_id": 25,
      "start_time_utc": "2025-10-21T13:51:26.840295+00:00",
      "from_user": true,

```

```

    "text_content": "Get out of bed.",
    "created_at": "2025-10-21T13:51:31.386472+00:00"
  },
  {
    "conversation_id": 25,
    "from_user": false,
    "text_content": "Oh, I'm already up and at it! Just sipping on my morning coffee and planning o",
    "created_at": "2025-10-21T13:51:32.432311+00:00"
  }
],
"total_messages": 3,
"date_range": {
  "start": "2025-10-15T09:32:05.688361+00:00",
  "end": "2025-10-22T09:32:05.688361+00:00"
}
}

```

3. Weekly Summary Endpoint

Endpoint: POST /conversations/weekly-summary

Purpose: Generates an AI-written weekly reflection summary based on recent conversations.

Example Request:

```

curl -X POST "http://143.198.187.46:8001/conversations/weekly-summary" \
-H "Content-Type: application/json" \
-d '{"account_id": 101, "profile_id": 101, "time_range_weeks": 1}'

```

Example Response:

```

{
  "account_id": 101,
  "profile_id": 101,
  "time_range_weeks": 1,
  "weekly_summary": "This week, the conversations highlighted a focus on daily routines...",
  "gratitude": "The user expressed appreciation for having a supportive AI companion...",
  "accomplishments": "The user made strides in maintaining their morning routine...",
  "challenges": "The user may still face challenges related to getting out of bed...",
  "goals": "The user appears to be aiming for a more structured and positive start...",
  "whats_next": "For the upcoming week, consider setting specific morning goals...",
  "memorable_moments": {
    "big_thing": "The realization of the importance of a positive start to the day...",
    "small_thing": "The simple pleasure of sharing a morning coffee moment with Hazel...",
    "with_loved_ones": "Reflecting on daily routines and sharing with family or friends..."
  },
  "wisdom_to_share": "Daily routines can significantly impact our mood and productivity.",
  "generated_at": "2025-10-22T09:31:15.560064Z"
}

```

Recommended Flow

1. Ping /health on app load to confirm API availability.
2. Fetch /conversations/data to load message history.
3. Call /conversations/weekly-summary to generate and display user insights.

Notes

- All timestamps are in UTC unless noted otherwise.
- No authentication is currently required.
- Responses are JSON formatted and ready for frontend parsing.