

LunchWith.ai

Conversation Structure

Setup and Usage of LunchWith.ai api

Story

Scene - Office
- Setting

Role - Detective

Role - Client

Scene - Restaurant
- Setting

Character - Steve

- Background
- Goals / Desires

Character - Molly

- Background
- Goals / Desires

CRUD Based HTTP API

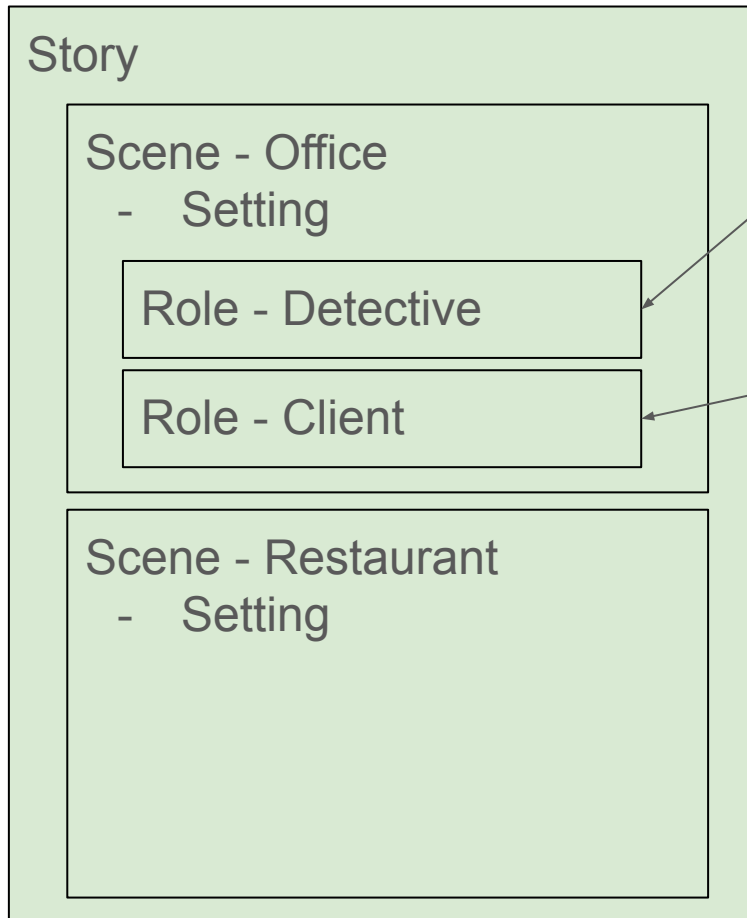
Base api address: <https://api.lunchwith.ai/>

Setup - Create Assets to use in a conversation (this can be done once and reused every time a scene is run).

Scene - The main grouping of assets

Cast (scene dependent) - In a script, these are names associated with dialog

Character - Think of this as the actor that brings a specific personality to the role



Character - Steve

- Background
- Goals / Desires

Character - Molly

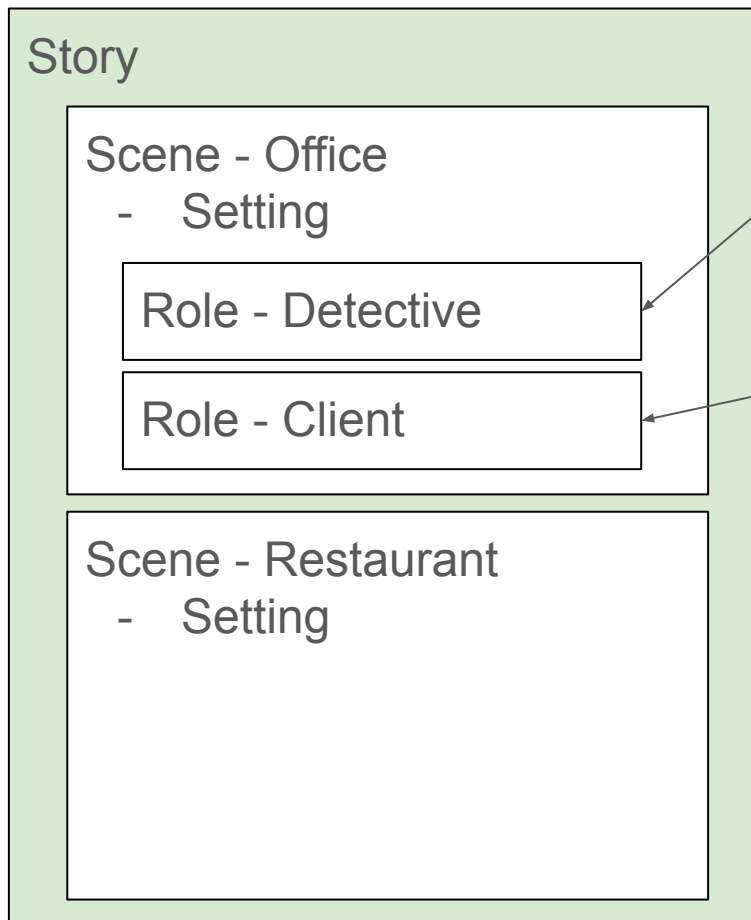
- Background
- Goals / Desires

CRUD Based HTTP API

Base api address: <https://api.lunchwith.ai/>

Use - Create interactions and dialog. Reuse assets with every new scene / conversation.

Story - Manage Scenes and longer term interactions.
Scene - Take actions to configure the scene for use, process steps of the conversation.



Character - Steve

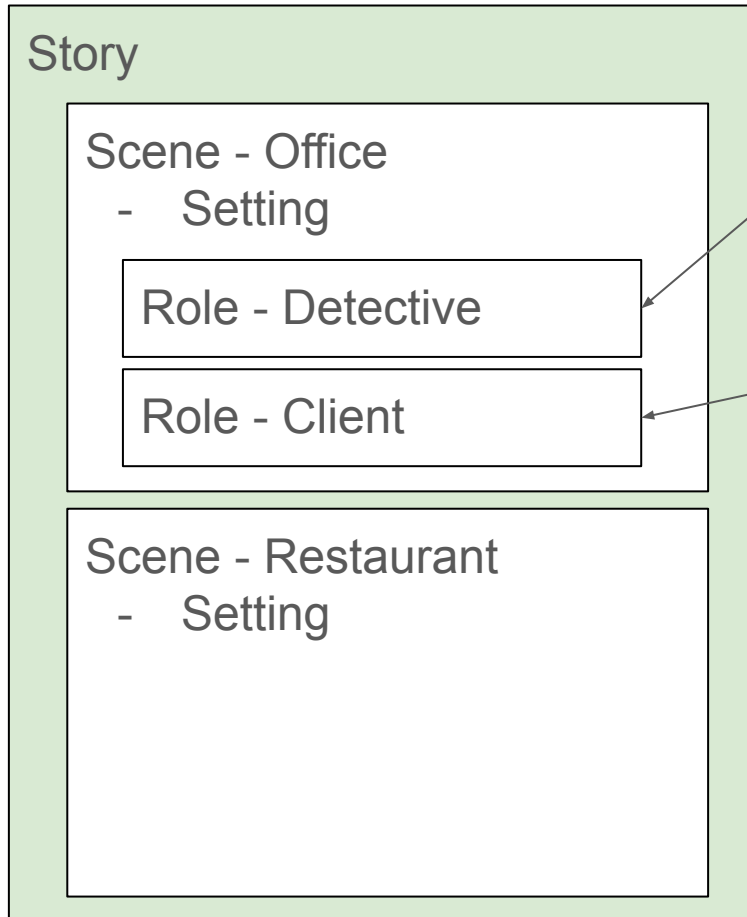
- Background
- Goals / Desires

Character - Molly

- Background
- Goals / Desires

Story

This is a wrapper for multiple conversations. Think of it as a play with multiple scenes. The story structure allows data to persist across multiple scenes / conversations.



Character - Steve

- Background
- Goals / Desires

Character - Molly

- Background
- Goals / Desires

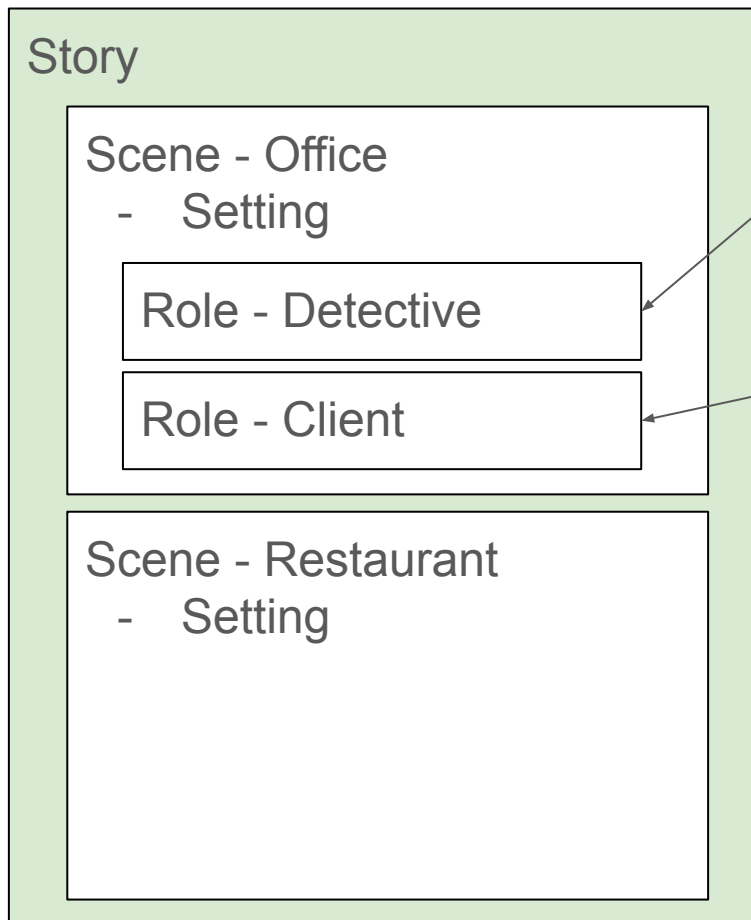
Story Setup

GET /story

- List of active stories

DEL /story/{story_id}

- delete the story and allow no more scenes.



Character - Steve

- Background
- Goals / Desires

Character - Molly

- Background
- Goals / Desires

Story Usage

To start a story, create a UUID4 and use it as {story_id}

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Scene

This is like the scene of a play. It is a grouping that gives the cast members a chance to create dialog and interact. It creates the environment in which the characters interact and the direction the character needs to move (with respect to goals).

Act 1, scene 4

Scene 4

Synopsis:

While Claudius drinks away the night, Hamlet, Horatio, and Marcellus are visited by the Ghost. It signals to Hamlet. Hamlet's friends try to stop his following the Ghost, but Hamlet will not be held back.

Enter Hamlet, Horatio, and Marcellus.

HAMLET

The air bites shrewdly; it is very cold.

HORATIO

It is (a) nipping and an eager air.

HAMLET What hour now?

Story

Scene - Office

- Setting

Role - Detective

Role - Client

Scene - Restaurant

- Setting

Character - Steve

- Background
- Goals / Desires

Character - Molly

- Background
- Goals / Desires

Scene Data

"scene_id": "dc77a605-7060-49bc-8d14-7b35b0ade285",
"name": "The Detective's Office",
"description": "You are in an office with a desk covered with the sports page of the newspaper. There are two chairs on the other side of the desk and a filing cabinet in the corner. On top of the filing cabinet is an old coffee machine. If it wasn't raining so hard you would open a window. The rain should have cooled things down but it's still hot."

Story

Scene - Office

- Setting

Role - Detective

Role - Client

Scene - Restaurant

- Setting

Character - Steve

- Background
- Goals / Desires

Character - Molly

- Background
- Goals / Desires

Scene Setup

GET <https://api.lunchwith.ai/scene>

- List scenes in library

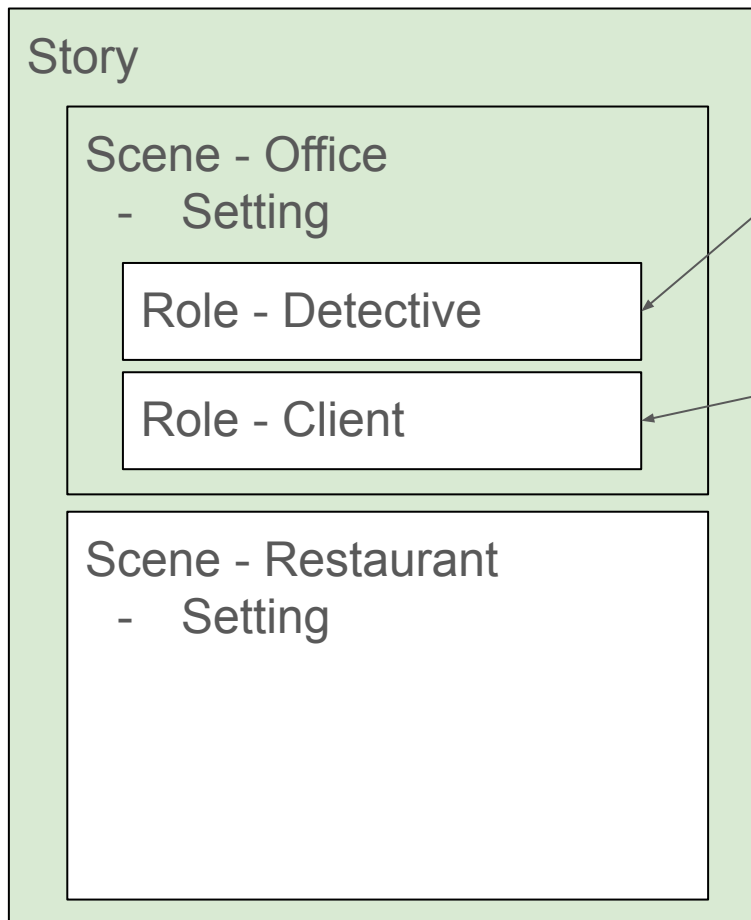
PUT/ <https://api.lunchwith.ai/scene>

POST / https://api.lunchwith.ai/scene/{scene_id}

- Add/update a scene in the library

DEL https://api.lunchwith.ai/scene/{scene_id}

- remove a scene from the library



Character - Steve

- Background
- Goals / Desires

Character - Molly

- Background
- Goals / Desires

Story/Scene Use

POST /{story_id}/start_scene/{scene_id}

POST /{story_id}/finish_up

- Have the characters move towards the goal as quickly as possible

POST /{story_id}/end_scene

- End a scene

Story

Scene - Office
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Role - Detective

Role - Client

Scene - Restaurant
- Setting

Character - Steve

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- Goals / Desires

Character - Molly

- Background
- Goals / Desires

Cast

Cast members are the ones listed in the script that have dialog.

Act 1, scene 4

「 Scene 4 」

Synopsis:

While Claudius drinks away the night, Hamlet, Horatio, and Marcellus are visited by the Ghost. It signals to Hamlet. Hamlet's friends try to stop his following the Ghost, but Hamlet will not be held back.

Enter Hamlet, Horatio, and Marcellus.

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Scene - Restaurant

- Setting

Character - Steve

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Character - Molly

- Background
- Goals / Desires

Cast Data

```
"cast_id": "dbc6e96a-ed9a-44c4-b44a-a117a2e85505",  
"scene_id": "11ac0383-8d97-4189-b7c3-4300f58dbfab",  
"role": "protagonist",  
"goal": "Engage with the user meaningfully.",  
"start": "The character enters and greets the user."
```

Story

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Character - Steve

- Background
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Scene/Cast Setup (scene_id is required to work with cast)

GET https://api.lunchwith.ai/cast/{scene_id}

- List cast in library

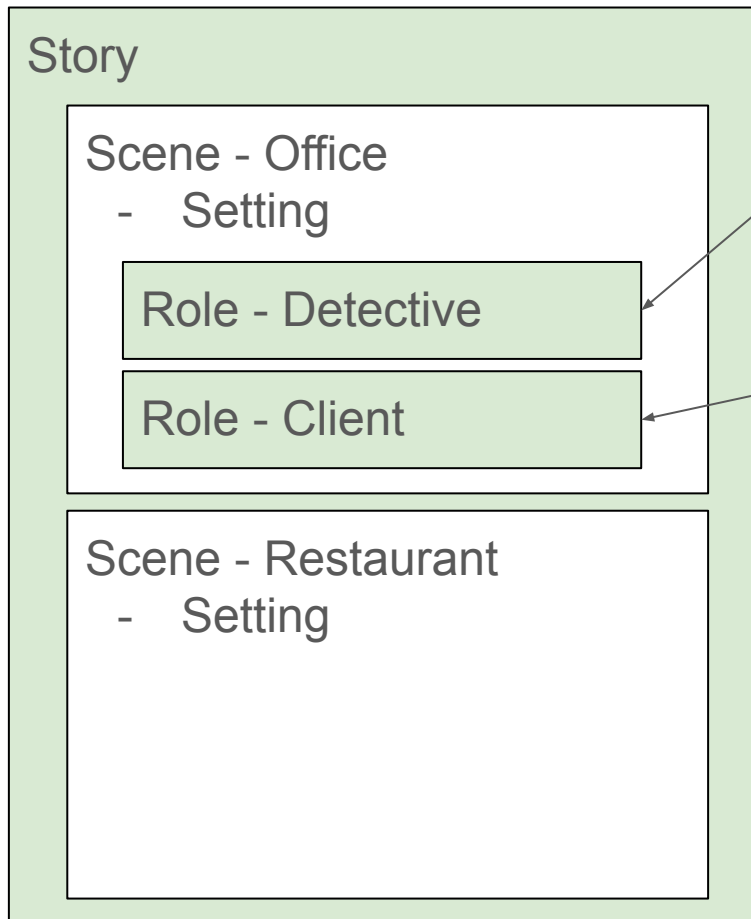
PUT/ https://api.lunchwith.ai/cast/{scene_id}

POST / https://api.lunchwith.ai/cast/{scene_id}/{cast_id}

- Add/update a scene to the library

DEL https://api.lunchwith.ai/cast/{scene_id}/{cast_id}

- remove a scene from the library



Character - Steve

- Background
- Goals / Desires

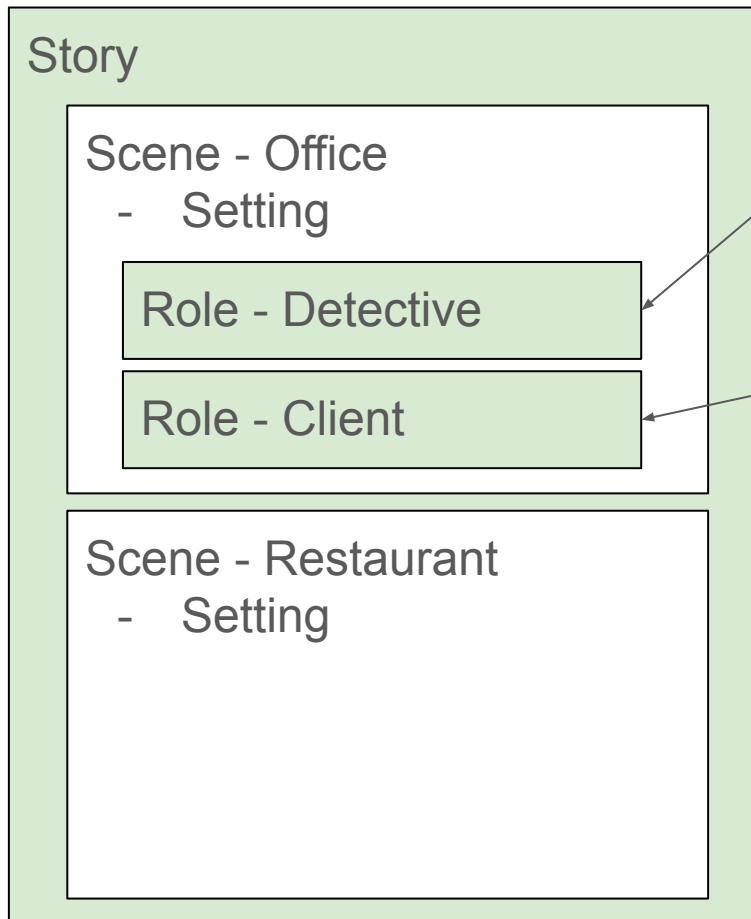
Character - Molly

- Background
- Goals / Desires

Scene/Cast Usage

POST /{story_id}/summarize/{cast_id}

- Flag this cast member as needing a summary of this scene. If the cast member will be used in the future this will allow the cast member to remember what happened. This needs to happen *before* the scene is ended.



Character - Steve

- Background
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Character - Molly

- Background
- Goals / Desires

Scene/Cast Usage - Dialog

POST /story/{story_id}/get_response_step/{cast_id}

- What does this cast member say? This will generate a response and add a line to the conversation within the context of the *current scene*.

POST /story/{story_id}/post_response/{cast_id}

- If you have a response, like one received from a user in a chat, this will add that text as a line in the conversation within the context of the *current scene*.

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Role - Detective

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Character - Steve

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Character

There have been many different interpretations of Hamlet, with the main character played by David Tennant, Kenneth Branagh, and Sir Laurence Olivier. Each actor brings a different flavor to the role.

Act 1, scene 4

Scene 4

Synopsis:

While Claudius drinks away the night, Hamlet, Horatio, and Marcellus are visited by the Ghost. It signals to Hamlet. Hamlet's friends try to stop his following the Ghost, but Hamlet will not be held back.

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Story

Scene - Office
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Scene - Restaurant
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Character - Steve

- Background
- Goals / Desires

Character - Molly

- Background
- Goals / Desires

Character Data

```
"character_id": "dbc6e96a-ed9a-44c4-b44a-a117a2e85505",  
"name": "Steve Lugar",  
"description": "You are a Private Detective straight out of a  
classic film noir or detective novel. You have walked these  
mean streets for a decade and have learned how to ask good  
questions and observe people's behavior. ",  
"motivation": "You are down on your luck and willing to take  
any job that comes your way. No matter how much you need  
a job you won't tangle with the mob."
```

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Scene - Office

- Setting

Role - Detective

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Scene - Restaurant

- Setting

Character - Steve

- Background
- Goals / Desires

Character - Molly

- Background
- Goals / Desires

Character Setup

GET <https://api.lunchwith.ai/character/>

- List characters in library

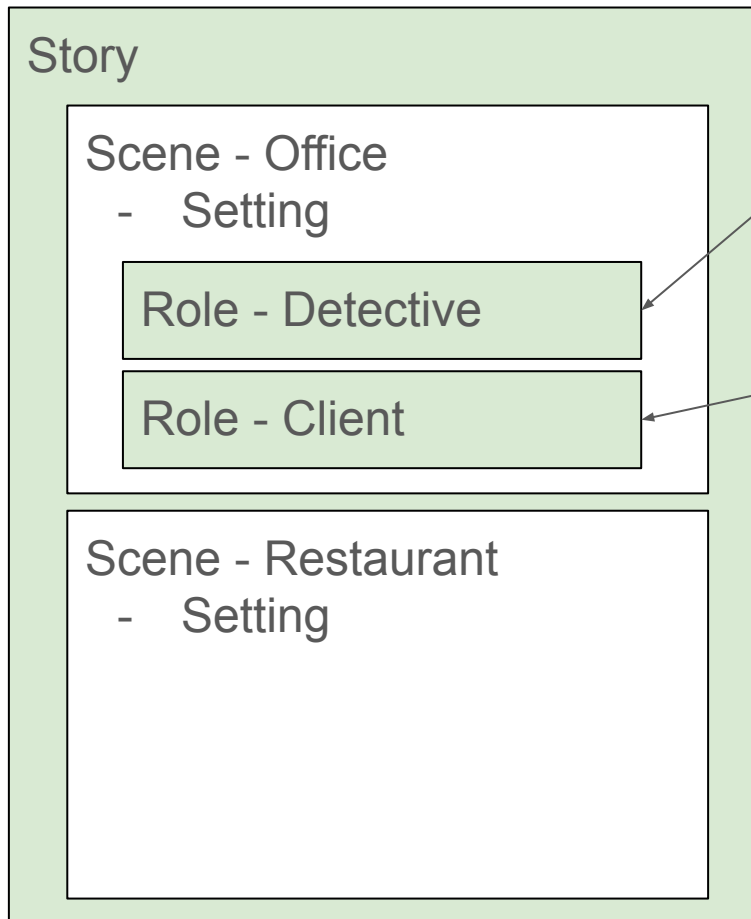
PUT/ <https://api.lunchwith.ai/character/>

POST / https://api.lunchwith.ai/character/{character_id}

- Add/update a character in the library

DEL https://api.lunchwith.ai/character/{character_id}

- remove a character from the library



Character - Steve

- Background
- Goals / Desires

Character - Molly

- Background
- Goals / Desires

Story/Cast/Character Usage

POST /{story_id}/cast/{characer_id}/as/{cast_id}

- Tie the character to a specific role. The character's personality will direct the interactions in the scene. This is to be used with an *active scene*.

