

Asana developer advocate takehome exercise

Hi! This is an exercise we've created to better understand your communication style and technical skills in developer relations. Afterwards, feel free to provide any feedback on the exercise, as we are always interested in improving it!

Success on this exercise means achieving the following:

- Demonstrating empathy for others
- Clearly and accurately articulating technical concepts
- Concisely presenting the most important information

Focus on answering the core of the questions, and note to-do's where appropriate. We recommend spending between one and two hours to complete this exercise. Please do not spend more than three hours total; we will evaluate the intentions and quality of your ideas rather than the thoroughness of each detail.

1. Asana API documentation [~30min]

Scenario: Imagine Asana is going to add a new endpoint to its REST API that allows the caller to post a “thanks” to a “user” in the system. Thanks consist of an optional “value” (“purpose”, “mindfulness”, “balance”, “clarity”, “empowerment”, “reality” or “play”) and a required text “message”.

Exercise: Write the reference documentation for this endpoint, stating any assumptions you made about the structure of the API and what is returned. Include any content you think would be helpful to a reader in understanding why and how to use the new endpoint. [Look at our API reference documentation for users](#) for an example of our current documentation, considering how your documentation will fit alongside it style-wise. (Please submit documentation in [OpenAPI 3.0 / Swagger](#) or Markdown format)

2. Working with the Asana API [~45min]

Scenario: Imagine that one of Asana's key partners has written you a question via email:

Hi. I want to get a list of tasks completed between two dates using the API. Here is my code. How do I query by dates?

```
Client client = Client.accessToken("0/6785ec887594590fea5865b2b1fb5c00");
List<Task> tasks = client.tasks.findByProject(104877489826899).execute();
for (int i = 0; i < tasks.size(); i++) {
    System.out.println(tasks.get(i).name);
}
```

Exercise: Please draft a response to the partner that at least includes:

- Code that achieves their goal (including any client-side logic required)
- A note about how Asana will improve the API or documentation to make this more obvious or easier in the future

3) Custom fields launch blog post [~45min]

Scenario: Please watch the first [three and half minutes of this video](#) on custom fields, part of Asana's platform future. You will learn about:

- **Track Anything:** A broad product initiative to make Asana the best tool to track all kinds of work, including customers, bugs, sales deals, applicants, etc.
- **Custom fields:** A specific feature within the Track Anything initiative that allows Asana customers to add schema to projects so that all tasks will have configured, structured data relevant to that project (e.g., customer email address, affected user count, funding amount, location, etc.).

Exercise: write a few paragraphs (up to ~200 words) of a blog post to drive developer adoption of Asana at the launch of custom fields and create enthusiasm about Asana's platform.

Make sure to clarify:

- Who is your audience for this specific blog post?
- What do you want the to know and do after reading your blog post?