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Create and manage AI model configurations

Overview

This topic explains how to create and manage custom models to use in [AI Configs](#).

An **AI Config** is a resource that you create in LaunchDarkly. You can use AI Configs to customize, test, and roll out new large language models (LLMs) within your generative AI applications. Within each AI Config, you define one or more variations. Each variation includes a model configuration and, optionally, one or more messages. When you [create a variation](#), you have the option to use a standard model, also called a "global" model, from the list provided by LaunchDarkly.

You can also add your own model and set up its parameters. This is called an AI model configuration. After you create an AI model configuration, you can use it in any variation for any AI Config in your project.

You can set both global models and custom models as restricted, which means that no one in your organization can use those model configurations in any AI Config variations. This lets you effectively limit the models that are available in each LaunchDarkly project.

This topic covers the following topics:

- [Create an AI model configuration](#)

- [View AI model configurations](#)

- [Restrict an AI model configuration](#)

- [Delete an AI model configuration](#)

You can create an AI model configuration while either creating an AI Config variation or from the **AI model configs** tab under **Project settings**.

Create an AI model configuration from a variation

To create an AI model configuration from an AI Config variation:

1. Navigate to the **Variations** tab of the AI Config and select a variation. Some sections in the interface may be collapsed. Expand the section you want to edit before continuing.

2. Open the **Select a model** menu.

3. Choose **+ Add a model**.

4. Follow the steps for completing the "Add custom model" dialog, below.

Create an AI model configuration from project settings

To create an AI model configuration from your **Project settings** page:

1. Click the project dropdown to open the project menu.

2. Select **Project settings**.

3. Select **AI model configs** to open the AI model configs list.

4. Click **Add AI model config**.

5. Follow the steps for completing the "Add custom model" dialog, below.

Complete the "Add custom model" dialog

To complete the "Add custom model" dialog:

1. Enter a **Name** for your AI model configuration.

   - The name appears in the **Select a model** dropdown when you create a variation for an AI Config.

2. Select a **Provider.**

3. Enter a **Model ID.**

    -   The model ID is the identifier for the model that the LLM provider uses. **This must exactly match the identifier from the provider.**

    -   You also need the model ID if you want to create a [role](#) that allows or denies access to this AI model configuration.

4. Enter the token costs:

    -   Enter the **Input token cost** per million tokens.

    -   Enter the **Output token cost** per million tokens.

    > 📌 **Token costs cannot be adjusted**
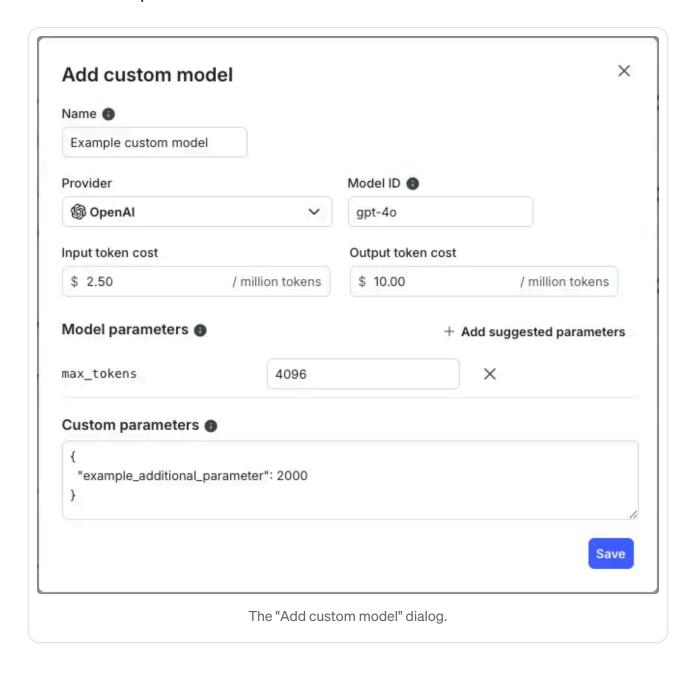   >
    > The token costs are fixed for each model configuration. If model pricing changes, you must create a new model configuration with the new cost. Then update any AI Config variations that use this model.

5. (Optional) Click **+ Add suggested parameters**. The menu displays model parameters, their types, and their default values.

    -   Select a model parameter from the list.

    -   Set its value in the dialog. This will be the default value when you choose this model in an AI Config variation. You can set a different value in the AI Config variation if needed.

    -   When you [customize an AI Config in your SDK](#), you can access these parameters in the `model` section of the `LDAIConfig`.

6. (Optional) Click **+ Add custom parameters.**

    -   Enter any additional parameters you want to include as a valid JSON object.

- When you [customize an AI Config in your SDK](#), you can access these parameters in the `model.custom` section of the `LDAIConfig`.
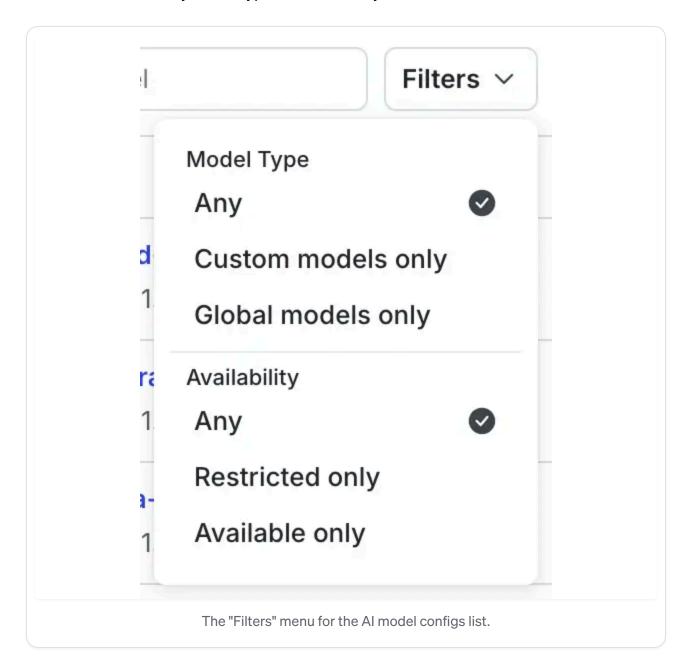
7. Click **Save.**

Here is an example:

The "Add custom model" dialog.

View AI model configurations

1. Click the project dropdown to open the project menu.

2. Select **Project settings**.

3. Select **AI model configs** to open the AI model configs list.

You can filter the list by model type and availability:

The "Filters" menu for the AI model configs list.

You can use the search box to find models by entering all or part of the model name or ID.

Restrict an AI model configuration

models that are available in each LaunchDarkly project.

To restrict an AI model configuration:

1. Click the project dropdown to open the project menu.

2. Select **Project settings**.

3. Select **AI model configs** to open the AI model configs list.

4. Click the **three-dot** overflow menu and select **Restrict**.

To make an AI model configuration available again, click the **three-dot** overflow menu and select **Make available**.

Delete an AI model configuration

To delete an AI model configuration:

1. Click the project dropdown to open the project menu.

2. Select **Project settings**.

3. Select **AI model configs** to open the AI model configs list.

4. For the model you want to delete, click the **three-dot** overflow menu and select **Delete**.

   - Alternatively, click the name of the AI model config you want to delete, then click **Delete AI model config** from the detail page.

You can only delete custom AI model configurations. You cannot delete the global AI model configs provided by LaunchDarkly.

You cannot delete an AI model configuration if it is currently used in a variation for an AI Config.

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