### How-to guide:
A step-by-step user guide that completes a real-world task with your app. A How-to guide is limited to a single task and doesn’t detail concepts, but they often link to an explanation guide.

<table>
<thead>
<tr>
<th>Structure</th>
<th>Content</th>
<th>Test; as an app user</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title answers the statements: <em>As a user, I want to...</em></td>
<td>Be concise; focus on what the reader needs to know to complete the task</td>
<td>Is the content accurate?</td>
</tr>
<tr>
<td>Most headings are steps with actions</td>
<td>Be concrete; each step should only complete a single action</td>
<td>Is the content complete? Is anything missing?</td>
</tr>
<tr>
<td>Sequential order completes the real-world task</td>
<td>Be clear; the content should be helpful, yet to the point</td>
<td>Is the content specific to the task? Move any detailed concepts or explanations to an explanation guide.</td>
</tr>
</tbody>
</table>

### Reader’s goal: “I completed the task successfully.”

**General structure and headings**

```text
h1 <task>
   - h2 At a glance
   - h2 Before you begin
   - h2 Get set up
     - h3 Configure
   - h2 Step 1: <action>
   - h2 Step 2: <action>
   - h2 Step 3: <action>
   - h2 Verify
   - h2 Learn more
```

#### Header | Guidelines
---- | ----
**(title) <task>** | Include a brief subtitle with the title. Provide additional context of the how-to task as related to the app.

   **h1 Integrate CatFactz with other apps**
   
   Use this step-by-step guide to enhance the apps on your laptop with fun feline facts.

   **max 1 sentence**

**At a glance** | Provide a brief overview of the steps in the how-to guide and the benefit of the task to the reader. Also highlight anything that would stop the reader from using the guide because it doesn’t fit their needs.

   In this guide, you’ll explore the CatFactz API, make calls to the API from a local app, then use the response to display a cat fact in the local app. By the end of the guide, you’ll be able to enjoy cat facts from another app without running CatFactz from its directory.

   The CatFactz API cannot be used with apps on different laptops.

   **max 5 sentences**

**Before you begin** | List any prior skill, experience, access, hardware, 3rd-party software etc. a reader should have before they start following the guide. Don’t list anything specific to the app, like installing the app itself.

   To complete this guide, you’ll need:

   - To determine which local app you want to integrate with CatFactz.
   - Basic experience with the programming language used in the local app.

---

*Note: The above guidelines are general and may need to be adapted based on the specific task and audience.*
**Get set up**
List any setup that's specific to the app in order to complete the guide. For example, installing the app or optimizing displays to view the app.
- Ensure CatFactz is installed on your laptop; see the Get started guide if necessary.
- Open the CatFactz API reference guide.

*max 5 items in a bullet list*

**Configure**
Explain any specific settings, options, or configurations that need to be done before starting the steps in the guide.

- In your local app, verify read/write access. This is necessary to use the CatFactz API and display responses in the app.

*max 3 sentences, followed by an ordered list of actions (no more than 5)*

**Step ##: <action>**
Break down the tutorial into easy-to-follow steps. Each step should:
- Complete a single action
- Provide images, code snippets, or videos, if needed
- Provide the expected result, if needed

**Step 1: Explore the CatFactz API**
Notice how each CatFactz endpoint defines a specific function and action. Also notice the endpoint URLs, specifically /facts and /breeds. These two endpoints will be used in the next steps.

**Step 2: Try the API**
Use cURL to make a GET request to the /facts/random endpoint. Review the response with a random cat fact.

**Verify**
Explain how the reader can verify their success by following the guide. Do they need to make a request? Check the status in another app? Also link to a troubleshooting guide if the verification fails for any reason.

- Run your local app and trigger a cat fact. Try it more than once to verify that the integration works as expected.
- If you don't see a cat fact, or if a new one is not generated debug the following:
  - Your local app; does it have read/write access?
  - The API requests; are the endpoints and parameters correct?
  - Your laptop, is it working as expected?

*max 5 sentences or items in a bullet list*

**Learn more**
Provide links to other guides, also link to external sources if relevant. Each linked guide should:
- Feel like a natural progression
- Help the reader gain more confidence
- Provide a brief sentence for context

Explore these guides as you become a CatFactz expert:
- Data sources in CatFactz
- Filter mechanisms in CatFactz

*max 1 sentence, followed by a bullet list of items (no more than 3)*

---

1 Many how-to guides present key information related to the task first. This is known as the Inverted Pyramid content structure. For details, see Inverted Pyramid: Writing for Comprehension from Nielsen Norman Group.