



Build an Application: Step-by-Step #2

Exercise to Accompany
Create an Application: First Steps

The Appian Step-by-Step series consists of 12 exercises that accompany the courses in the Appian Developer learning path. Exercises build upon each other. Complete exercises in order and keep the app and all objects until you are done with the project.

1 Welcome to the Appian Developer Learning Path

2 **Create an Application**

3 Manage Users and Groups

4 Expressions

5 Design Record Types

6 Sites

7 Query Your Data

8 Interfaces 101

9 Process Modeling 101: Part 1

10 Process Modeling 101: Part 2

11 Reports

12 Task Report

Exercise 2: Create an Application	3
Create an Application	3
Create Subfolders	4
Troubleshooting Resources	5

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This exercise was developed for **Appian 25.4**. If Appian Community Edition is on a later Appian version, functionality might be different. Go to academy.appian.com to download the latest exercise.

Exercise 2: Create an Application

Use Case




Acme Automobile is a corporate fleet management company. They want to use an Appian application to manage their vehicle and maintenance processes.

Create an Application

You will start building by creating the application, which is a container for the design objects that make up a business solution.

Follow the steps below to create your Step-by-Step Acme Auto application.

1. Sign in to **Appian Community Edition**.
2. Go to Appian Designer by clicking the **Navigation** button  next to your avatar and selecting **Appian Designer** from the dropdown. You can also change the URL from `/suite/sites/home` to `/suite/design`.
3. In the **Applications** view, click **New Application**.
4. In the **Create New Application** dialog, configure the following properties:
 - **Name:** Enter `Step-by-Step Acme Auto`.
 - **Description:** Enter `Practice application for managing vehicles and maintenance in a fleet`.
 - **Prefix:** Change the prefix to `W#SA`. Be sure to use your workspace identifier (for example, **1234**) in place of the **#**.

Because you are working in a community environment, include your workspace identifier in the application prefix so you do not cause naming conflicts with objects created by other users. You can find your workspace identifier at the beginning of app prefixes of pre-built apps (for example, W000).

- **Generate groups and folders to secure and organize objects:** Keep this box selected.
5. Click **CREATE**.

6. In the **Review Application Security** dialog, click **SAVE**. The W#SA Administrators and W#SA Users groups were generated for you and are used to secure the application.

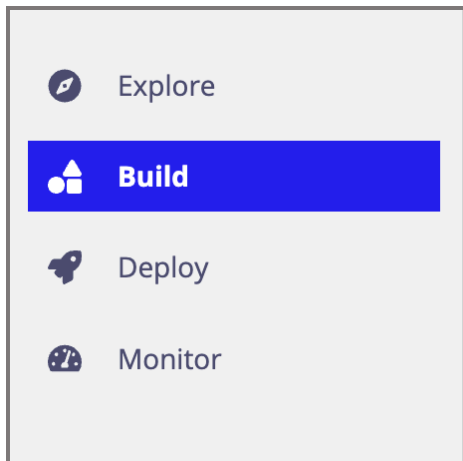
Your new application will open automatically to the **Plan** view. This view gives you the ability to quickly create an application plan using AI Copilot. For the purpose of this exercise, you will skip this step.

Create Subfolders

In this exercise, you will create folders that you will use to organize and secure application objects. In Appian, there are four types of folders: Rule, Process Model, Document, and Knowledge Center. The parent folders were generated for you, so you will create subfolders. Subfolders reside in parent folders and inherit the security of the parent folder.

Follow the steps below to create subfolders.

1. In the navigation pane on the left, click **Build**.



2. Create three rule subfolders in the **W#SA Rules & Constants** parent folder: **W#SA Constants**, **W#SA Expressions**, and **W#SA Interfaces**. For each folder:

- In the **Build** view, select **NEW > Folder**. Configure the following properties:
 - **Type:** Select **Rule Folder**.
 - **Name:** Enter the name (listed above).
 - **Description:** Enter a simple description (for example, "Contains all constants for the W#SA application").
 - **Parent Folder:** Select **W#SA Rules & Constants**.

NOTE: Alternatively, you can open **W#SA Rules & Constants** and create all subfolders from within this parent folder. With this method, the **Parent Folder** field will be pre-populated with **W#SA Rules & Constants**.

2. From within the **W#SA Knowledge Center** parent folder, select **NEW DOCUMENT FOLDER** to create a document subfolder. Configure the following properties:
 - **Name:** Enter `W#SA Documents`.
 - **Description:** Enter a simple description.
 - **Parent Folder:** Ensure that **W#SA Knowledge Center** is selected.

To check that you set up your parent-child folder relationships correctly, you can use the hierarchical view. Above the objects list on the right, click **Hierarchical View** to see your folders organized into the hierarchy.

Troubleshooting Resources

Stuck on a step, or need help troubleshooting? Appian provides several support resources that you can use as you build:

1. **Acme Auto Solution Application** - The Acme Auto Solution Application (AS) is the solution to the exercises you are following in the Step-by-Steps. You can use the AS application as a reference tool. Review it to see how specific objects are configured, or test the application to see how the features work from a business user's perspective. This application is preloaded into your workspace. If you do not see it in the list of applications in your workspace, you can deploy it from the App Catalog. Refer to **Build an Application: Step-by-Step #1** for more information on how to use the App Catalog.
2. [Community Discussions for New Users](#) - Check out the **New to Appian** thread in Community. Join our community of experts to ask questions and find answers from past discussions.
3. [Appian Documentation](#) - Appian's product documentation will provide you with an overview of key Appian features, newest release information, additional tutorials, and helpful patterns and recipes to implement in your app.