

Appian Step-by-Step #1

Exercise to Accompany
Welcome to the Appian Developer Learning Path

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** Records Part 1: Accessing Your Data
- 6** Records Part 2: Record Type Relationships
- 7** Query Entities
- 8** Process Modeling 101: Part 1
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Introduction

How to Complete the Exercises in this Guide

This guide offers a series of exercises that will teach you how to build a functional Appian application, step-by-step. Please use this guide to support your learning throughout the Appian Developer online learning path.

To understand specific Appian concepts and features, we recommend that you first view our online courses (access our curriculum at academy.appian.com) and then complete the associated exercises before moving to the next course in the path.

What Will I Build?

You will build the Acme Exercise Application (AX). This application automates the process of registering a new vehicle in the fleet for the fictional company Acme Automobile, Inc. The app is designed for three personas: Registrars, Supervisors, and the Maintenance Crew (Mechanics). Registrars use the AX app to add new vehicles to the fleet, Supervisors review and approve new vehicles, and the Maintenance Crew requests maintenance and keeps records for each maintenance project. After you build all key design objects, you will assemble them into a user-friendly site that Registrars, Supervisors, and the Maintenance Crew will use for adding and approving vehicles and for accessing all fleet-related reports.

You will build most objects in this exercise. However, there will be some selected data and objects that come from the existing Acme Automobile Reference application (AA). You can also use the Acme Solution (AS) application as a reference tool. Review this application to see how specific objects or fields are configured, or test the app to see how the features work from a business user's perspective. You can find this app in your Appian Community Edition practice environment.

How Can I Practice?

Sign up for Appian Community Edition here:

<https://community.appian.com/p/my-learning-journey/>. This free, unlimited-time Appian instance comes with the pre-built AS application that you can use to reference while building your own version.

If you already have access to a practice environment, you will need a user account with either System Administrator access, or an account for a Basic User who is a member of the Designers and Process Model Creator groups. Request access from your site's System Administrator.

Use Initials in a Shared Environment

If you work in a shared environment, prefix all application objects with your initials to avoid naming conflicts. For example, if your initials are JJ, name your group JJ AXA All Users.

Save Often

Appian does not automatically save updates, so save your objects frequently.

Additional Resources

Appian provides a plethora of training resources for Appian developers. The following resources are particularly popular with our learners:

[Academy Online](#) - Appian's online courses provide useful survey courses, step-by-step tutorials, and some additional practice exercises. Explore these resources at your own pace. Survey courses will help you with developing a better grasp of the range of topics you need to learn about. Video and print tutorials will help you get hands-on experience with Appian.

[Appian Documentation](#) - Appian's product documentation will provide you with the overview of key Appian features, newest release information, additional tutorials, and helpful patterns and recipes to implement in your app.

[Community Discussions for New Users](#) - Join our community of experts to ask questions and find answers from past discussions.

Exercise 1: Welcome to the Appian Developer Learning Path

Access ACE Environment

To complete the exercises in the Appian Developer learning path, sign up for access to the Appian Community Edition (ACE) environment. Once you sign up for the environment, you will have access to a free, unlimited-time instance. The environment comes with pre-loaded objects that you will need as you go about building your ACME Automobile application. Follow the steps below to access the ACE environment.

1. Navigate to the [Appian Community website](#), and log into your Appian Community Edition account.
2. Click the **Learn** tab.
3. Click the **My Learning Journey** icon.
4. Click **Get my site** in the **My Community Edition Site** card.
5. Choose your region, and generate your site.

When an instance is assigned to you, your instance URL is added to the My Community Edition site card on the My Learning Journey page. Your username, which is the email address associated with your Appian Community account, and password is sent via email. If you do not receive your site's credentials, please email CommunityEdition@appian.com for help.

Download and save these exercises as a reference.