

Building the NPSP Trailhead Installer

Delivering Great App Experiences with MetaDeploy

hello!

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What is the Nonprofit Success Pack (NPSP)?



From a business perspective...

The Nonprofit Success Pack (NPSP) was built for, and with, our community of over 47,000 nonprofits, with out-of-the-box capabilities and a relationship-first view of all the people in your universe. Free and open source, it turns the #1 CRM for businesses into a Constituent Relationship Management system for nonprofits.

From a technical perspective...

NPSP includes six managed packages, plus extensive unpackaged configuration and setup automation.

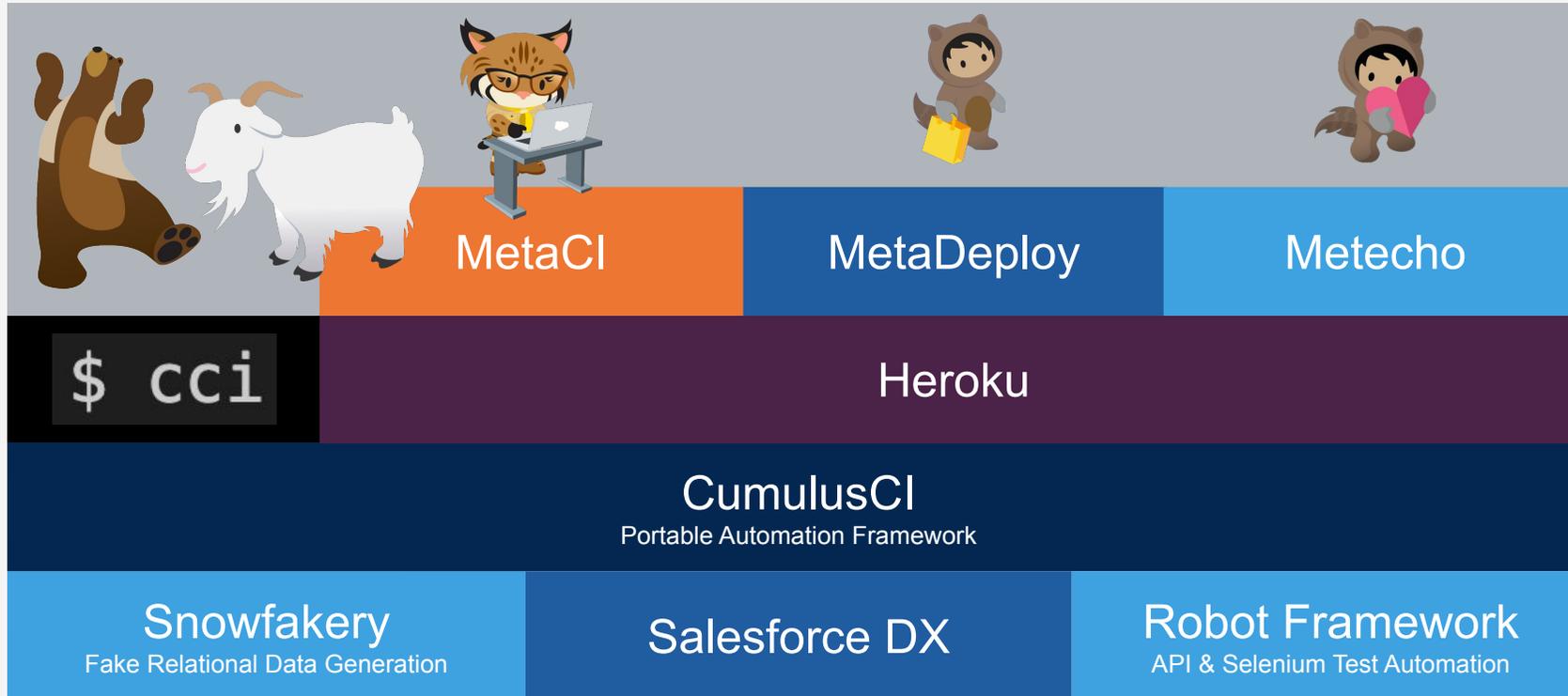
NPSP is an open source product.





CumulusCI and Portable Automation

Proven, scalable tooling and process for on-platform development



CumulusCI enhances Salesforce DX by providing a robust framework for **portable automation** with our entire development -> delivery process baked in by default. And, it's 100% open source.

Product Delivery Model: Automate everything needed to create usable orgs including dependencies, the managed package, post-install configuration, and data



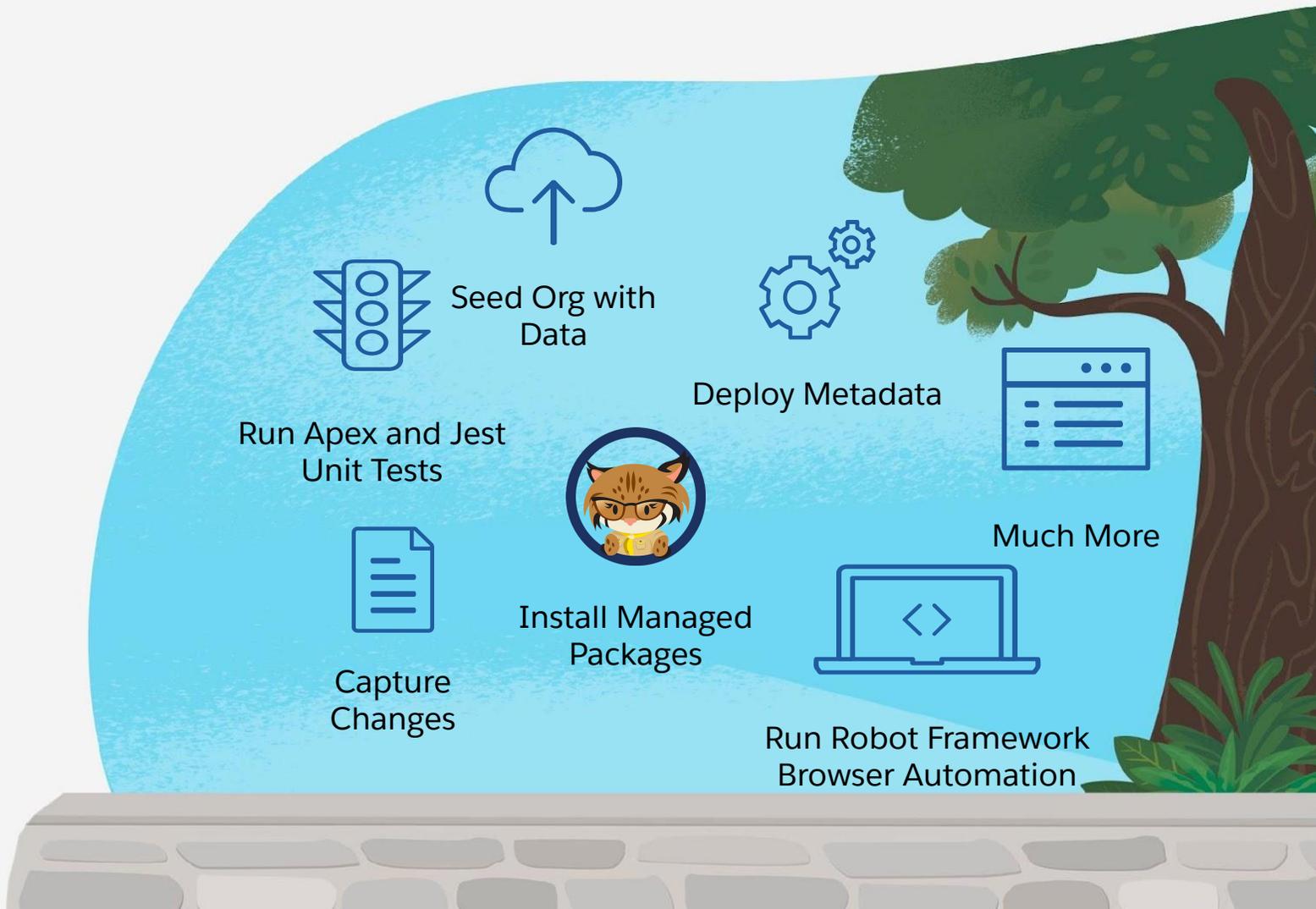
Flows and tasks

Composable building blocks for automation

CumulusCI comes with dozens of built-in tasks and predefined flows.

Tasks and flows are configurable in simple text markup.

New capabilities can be added in Python.





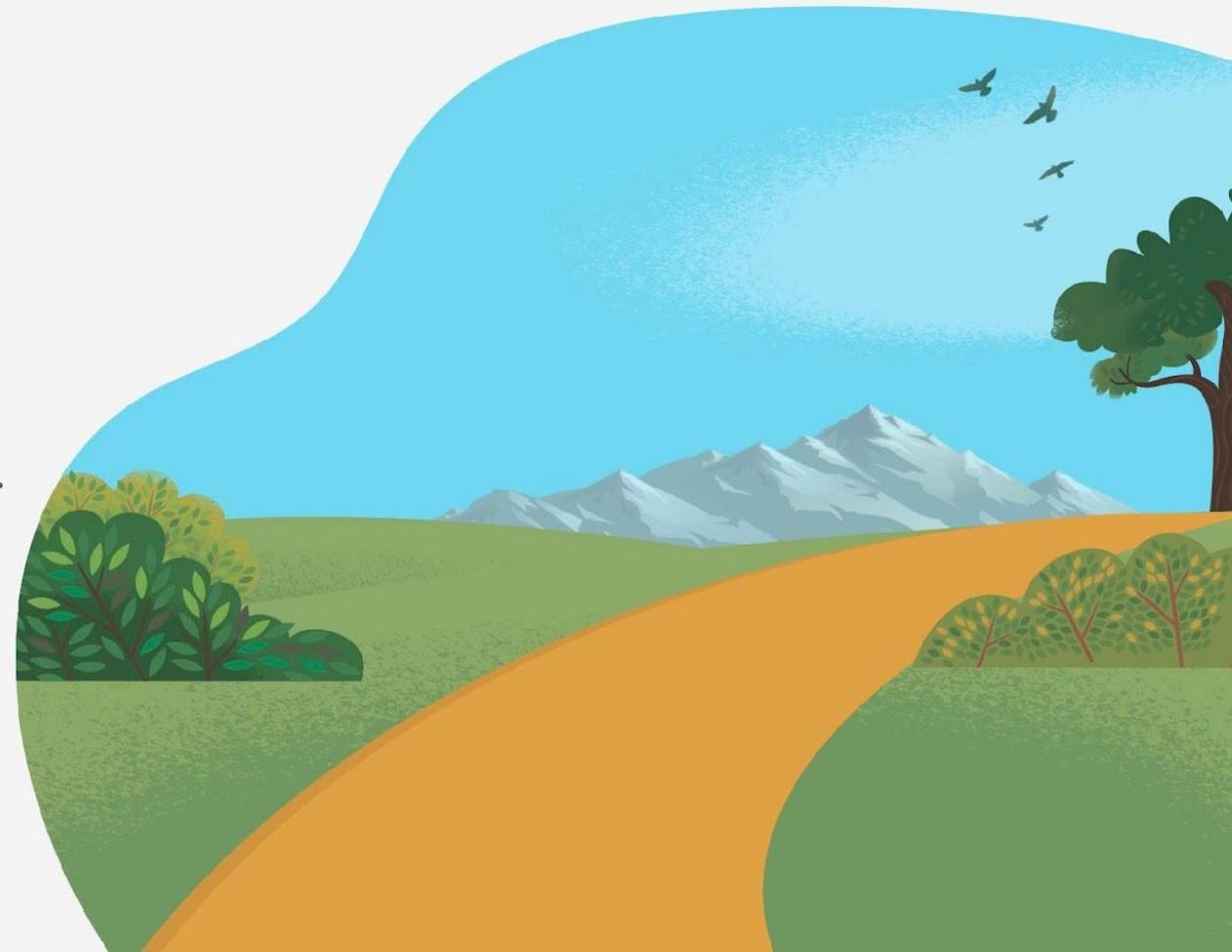
Challenge: NPSP + Trailhead Playground

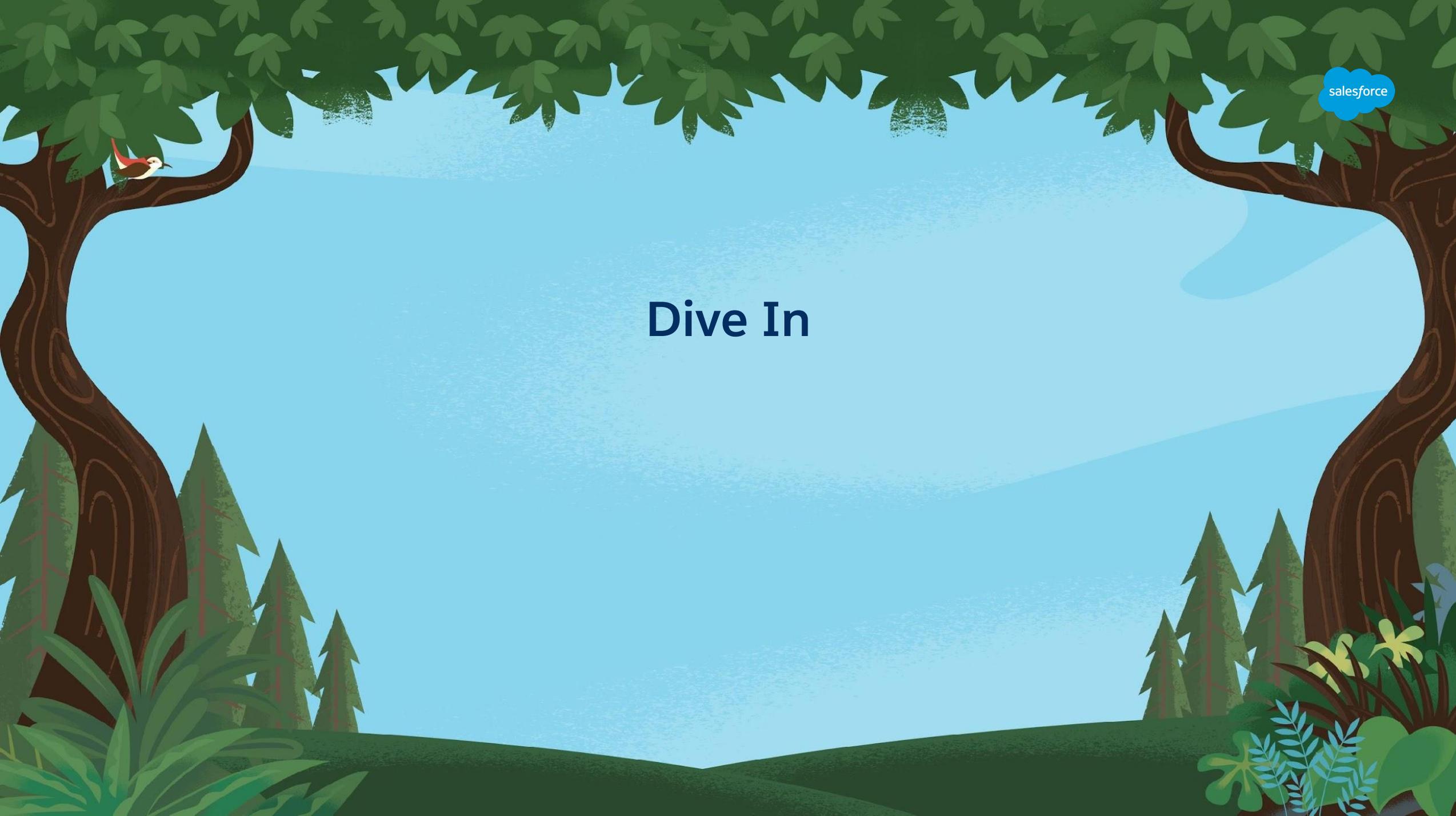
Creating a great learning environment

We want to support Trailhead learners with a **fully realized nonprofit environment** inside a Playground.

1. Start with a Trailhead playground.
2. Install all of NPSP.
3. Simulate an NPSP trial.
4. Add NPSP relationship configuration
5. Deliver reports and dashboards.
6. Add components to support a real use case.
7. Remove unwanted Trailhead metadata.
8. Load a realistic data set.
9. Create multiple users.

Kudos to Jessie Rymph of Trailhead for defining and driving this project!



A stylized illustration of a forest landscape. Two large, dark brown trees with thick trunks and dense green foliage frame the top and sides of the image. In the background, there are rolling green hills and several tall, thin evergreen trees. The sky is a light, hazy blue. The overall style is clean and modern.

Dive In

Thank
you

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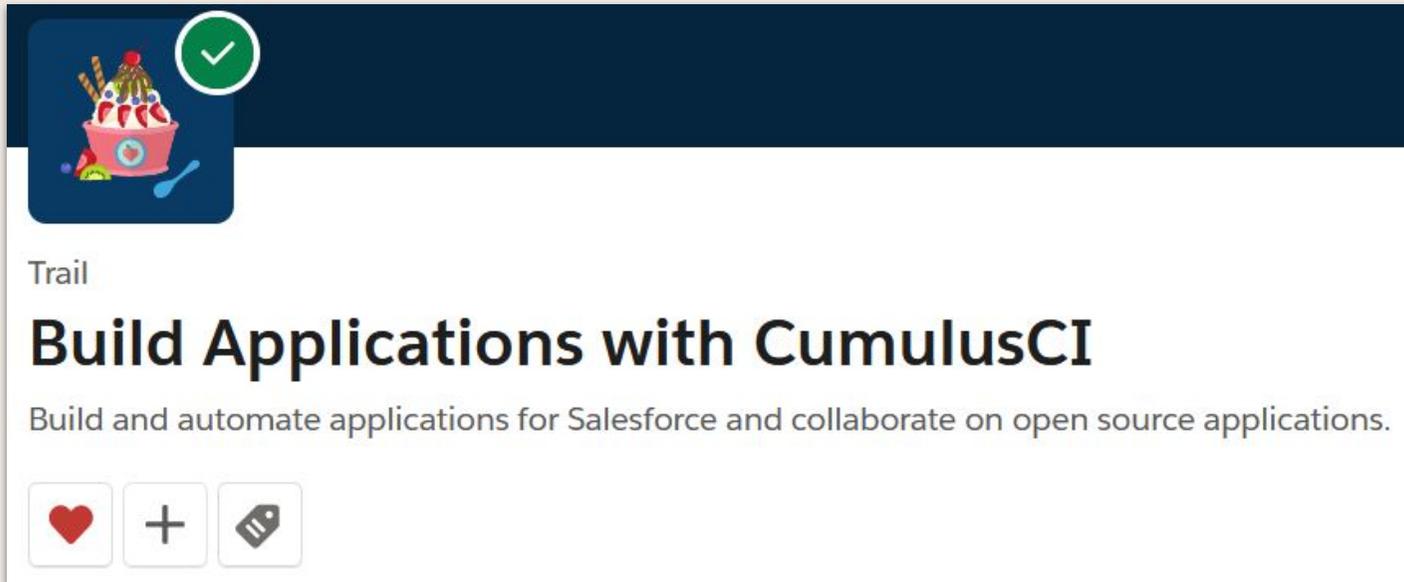


Now available on Trailhead!



Build Applications with CumulusCI:

<https://trailhead.salesforce.com/en/content/learn/trails/build-applications-with-cumulusci>



The image shows a screenshot of a Trail card on the Trailhead platform. The card has a dark blue header with a white checkmark icon in a green circle. Below the header is a white section with a pink ice cream cone icon. The text on the card reads: "Trail", "Build Applications with CumulusCI", and "Build and automate applications for Salesforce and collaborate on open source applications." At the bottom of the card are three icons: a red heart, a plus sign, and a tag icon.

Resources



CumulusCI Documentation: cumulusci.readthedocs.io

CumulusCI on the Trailblazer Community:

https://success.salesforce.com/_ui/core/chatter/groups/GroupProfilePage?g=0F93000000009M9Z

CumulusCI Open Source Project: github.com/SFDO-Tooling/CumulusCI

MetaDeploy Open Source Project: github.com/SFDO-Tooling/CumulusCI

Salesforce.org Products and the Open Source Commons

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