



Supercharge Developer Productivity with Cumulus Suite

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Let's Talk About Productivity

"I just need an org to do work in! This is a nightmare!"



6-8 hrs
Average setup effort of surveyed developers

Setup Guide
15 pages?!

Sandbox Refresh



Sample Data

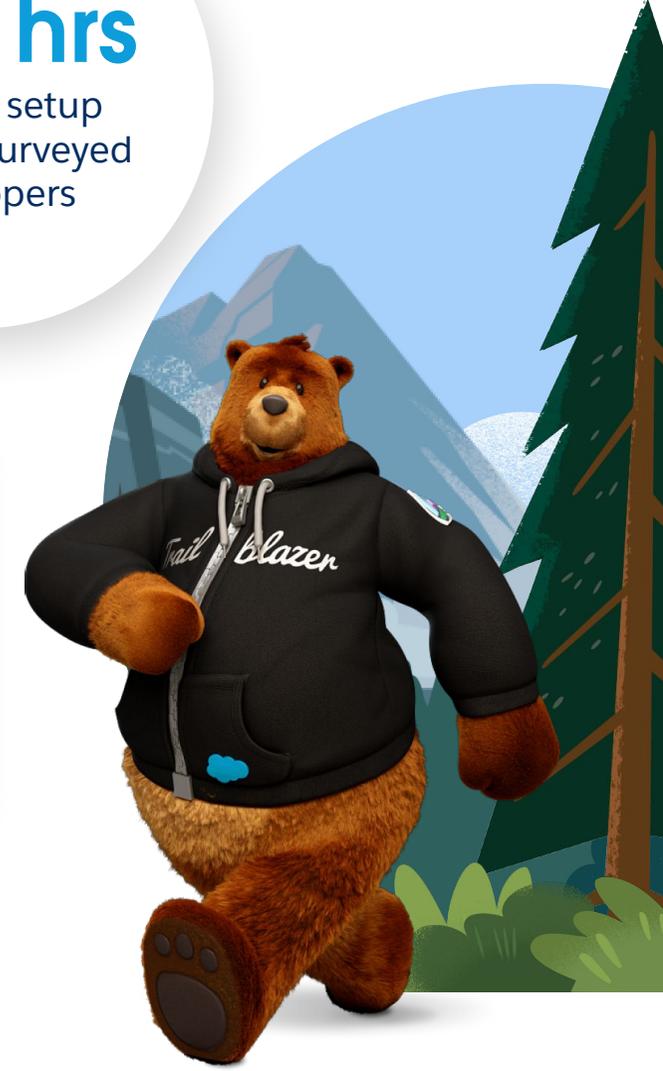
Shared Orgs
Who's in charge?

"It works in my org"



Manual Config

"Oops..."



Three Key Barriers to Productivity

Spoiler alert: Cumulus Suite solves all three!

Setup Cost

“It takes 6 hours just to set up a new org!”

It needs to be fast (very fast!)

Reliability

“It works in my org; it should work in yours!”

It needs to be reproducible

Conflicts

“My teammates keep overwriting my work!”

It needs to be isolated

Self-Service Automation with Cumulus Suite

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We can solve all three challenges with *one command*.



```
$ cci flow run dev_org
```

Cumulus

From Setup Guide to One Line

One-time investment in automation

- Create Scratch Org
- Install dependencies
- Deploy code
- Create Record Types
- Grant Record Type access
- Update Case Status options
- Create unmanaged Permission Sets
- Create unmanaged Flows
- Activate managed Flows
- Create test Users
- Assign Permission Sets
- Create test data



Setup_V3.doc (3.5 MB)



FWD: Fwd: How to set up your dev env.



Automate the Setup Guide

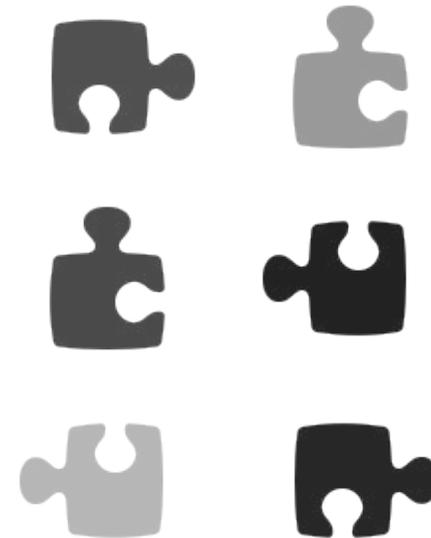
Let the robots do the work!



Setup_V3.doc (3.5 MB)



FWD: Fwd: How to set up your dev env.



Simply Markup

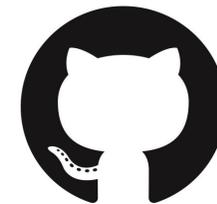
A list of steps that define your org configuration

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```
config_dev:  
  steps:  
    1:  
      task: deploy_record_types  
    2:  
      task: update_admin_profile  
    3:  
      task: update_case_status_value_set  
    4:  
      task: deploy_dev_config  
    5:  
      flow: create_users_and_assign_ps  
    6:  
      flow: load_data
```



cumulusci.yml



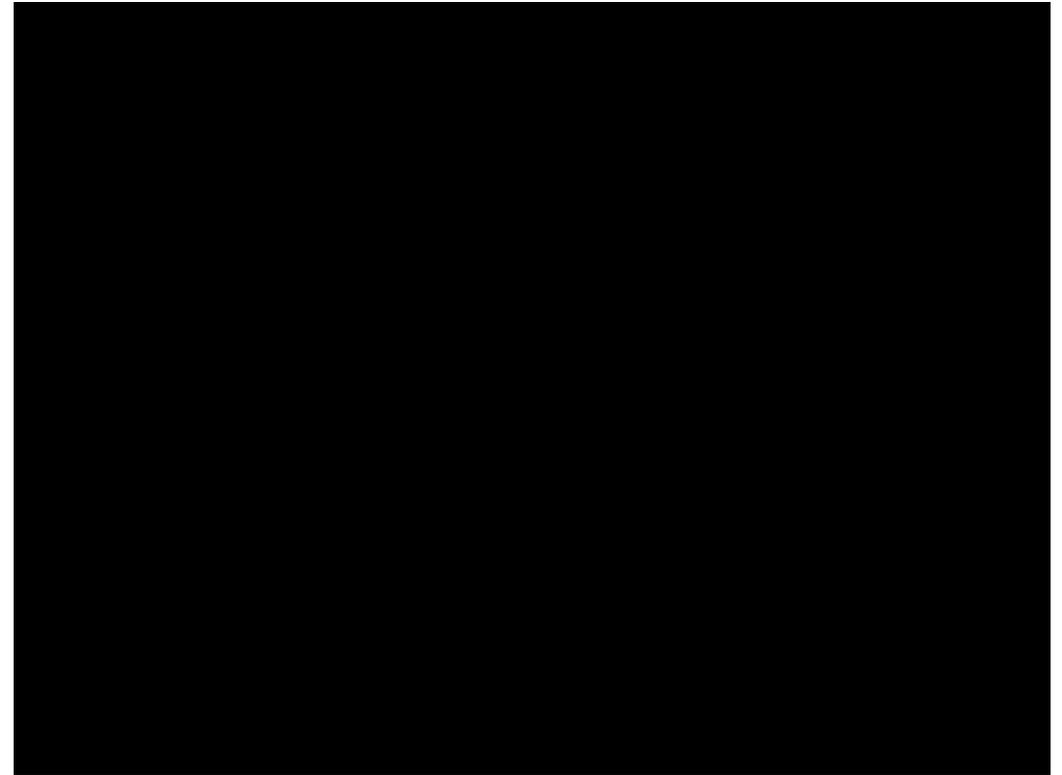
Let's Put it to the Test!

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Manual Setup



Automated Setup with Cumulus



Return on Investment

Average **91%** reduction in setup time

- Create Scratch Org
- Install dependencies
- Deploy code
- Create Record Types
- Grant Record Type access
- Update Case Status options
- Create unmanageded Permission Sets
- Create unmanageded Flows
- Activate managed Flows
- Create test Users
- Assign Permission Sets
- Create test data

Hours



<5 minutes

```
config_dev:
  steps:
    1: task: deploy_record_types
    2: task: update_admin_profile
    3: task: update_case_status_value_set
    4: task: deploy_dev_config
    5: flow: create_users_and_assign_ps
    6: flow: load_data
```



Ready to Work

In a realistic, production-like, isolated environment



Dashboard
Program Management Home Page
Dashboard designed for the Program Management App Home Page
As of Sep 15, 2022, 9:44 AM · Viewing as User User

All Active Program Engagements

Program	Record Count
After School Program, Ages 11-13	6
Drug and Alcohol Recovery Management	1
ESL Program	3
Financial Literacy Program	7
Housing Assistance Program	5
Job Readiness Program	3
Mobile Middle School STEM Program	10
No More Food Deserts Advocacy	5
Refugee Program	2
Remedial Reading Program	3
School Lunch Program	2

[View Report \(All Active Program Engagements\)](#)

Client Records with ...

2

[View Report \(Client Records Mis...\)](#)

Services Delivered (Year to Date)

Service: Service Name ↑	Unit of Measurement ↑	Sum of Quantity
Middle School STEM Classroom Hours	Hours	187.50

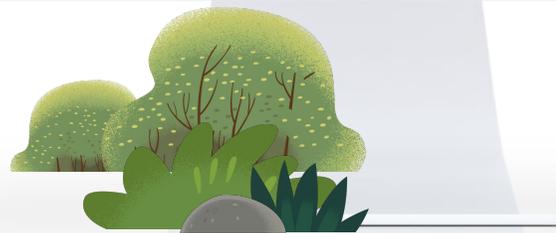
Today's Tasks

Nothing due today. Be a go-getter, and check back soon.

[View All](#)

Recent Items (3)

- Grade 1-8 Reading Tutoring**
Program: Remedial Reading P...
Status: Active
Unit of M...: Hours
- Monthly Rent Subsidy**
Program: Housing Assistance ...
Status: Active
Unit of M...: Dollars



Productivity, Enabled

Setup Cost

~~“It takes 6 hours just to set up a new org!”~~

- ✓ Start work in minutes
- ✓ No manual effort

Reliability

~~“It works in my org; it should work in yours!”~~

- ✓ Every org the same
- ✓ Production-like env.

Conflicts

~~“My teammates keep overwriting my work!”~~

- ✓ No shared orgs
- ✓ 100% self-service



“Batteries Included”

Dozens of composable tasks for your automation, out of the box



Build Scratch Org



Load Sample Data



Deploy Metadata



Run Robot Framework
Browser Automation



Install Packages &
Dependencies



Capture
Changes



Create & Configure
Users



Configure Org
Settings



Anonymous Apex



Run Apex and Jest
Unit Tests



Create Package
Versions



Generate Synthetic
Data



GitHub
Automation



Marketing Cloud
Setup

...and much more!



It's Not Just Developers

Product managers, admins, QA testers, trainers, and others need orgs too!



Product Manager

Review and demo product features



Developer

Work in consistent but isolated environments



QA Tester

Offer fast, reliable feedback



Business Users

Learn and train in realistic environments



One Automation Investment, Many Channels



Cumulus Suite tools bring automation everywhere in the app lifecycle

Empower declarative stakeholders with point-and-click orgs through **Metecho**.

Home > DLRS > demo-epic > Add a new LWC

[Submit Task for Testing](#)

Task Team & Orgs

Developer ▼

 David Reed (davidmreed)

[Dev Org](#) ▼

Deployed Commit: 54eb1f1
Expires: in 30 days
Status: up to date | [check again](#)

[View Org](#)

Deliver setup-free AppExchange experiences directly to customers with **MetaDeploy**.

 Program Management Module (PMM), 1.29

Install Program Management Module



Average Install Time: 5 minutes.

This will install Program Management Module in your org.

[Log In to Start Pre-Install Validation](#) ▼

[← Select a different plan](#)

**6-8 hrs**Average manual
setup effort of
surveyed
developers**<25 mins**automated setup
time

Outcomes

- ✓ Start work faster – avg. **91%** savings
- ✓ Automation for every role
- ✓ Value throughout the app lifecycle
- ✓ SFDX + source control baked in
- ✓ Free and open source solution



Resources

Build Applications with CumulusCI
on Trailhead

CumulusCI on the Trailblazer Community

See the potential at install.salesforce.org

Join the **Commons** program to create impact
with Cumulus Suite: sfdo-community-sprints.github.io





Thank you



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