

Create Salesforce DX Project

Salesforce Developer Experience project is a structure or a directory of a configuration files. In this tutorial, we will learn how to create Salesforce DX project in Mac Terminal by cloning sfdx-dreamhouse.

Create Salesforce DX Project

To create Salesforce DX project, use a command like `force:project:create`, this command creates a skeleton to your Salesforce DX project.

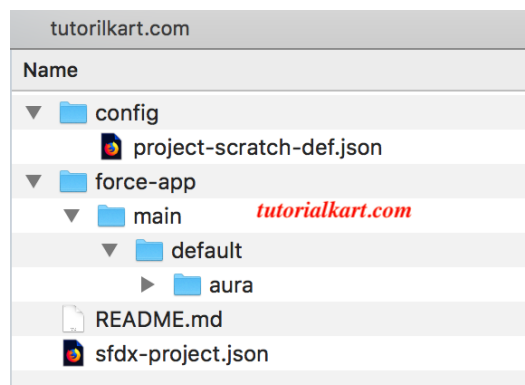
Create Sfdx project

```
prasanth:~ prasanth$  
sfdx
```

```
prasanth:~ prasanth$ sfdx force:project:create -n tutorialkart.com  
target dir = /Users/Prasanth  
create tutorialkart.com/sfdx-project.json  
create tutorialkart.com/README.md  
create tutorialkart.com/.forceignore  
create tutorialkart.com/config/project-scratch-def.json
```

As shown in above code, tutorialkart.com is the project name. Once the project is created successfully, we must create sample configuration file like `sfdx-project.json`, `config/project-scratch-def.json` and `.forceignore`.

- **sfdx-project.json** file enables the configuration parameter to set Source API version and name space.
- **project-scratch-def.json** is used to create Scratch Org from the command line.
- **.forceignore** is used to untrack certain files and folders when pushing files from local system to Scratch Orgs.



Create SFDX project from existing source (GitHub)

This is the second method of creating Salesforce DX project from existing source like Git and GitHub. In this method we create Salesforce DX project in Mac Terminal by cloning sfdx-dreamhouse. Follow the steps:

- Open terminal in Mac or Command Prompt in your Windows to create unique directory.

```
prasanth:~ prasanth$  
mkdir
```

```
prasanth:~ prasanth$ mkdir tutorialkart_sfdxproject  
prasanth:~ prasanth$ cd tutorialkart_sfdxproject
```

- tutorialkart_sfdxproject is the directory name.

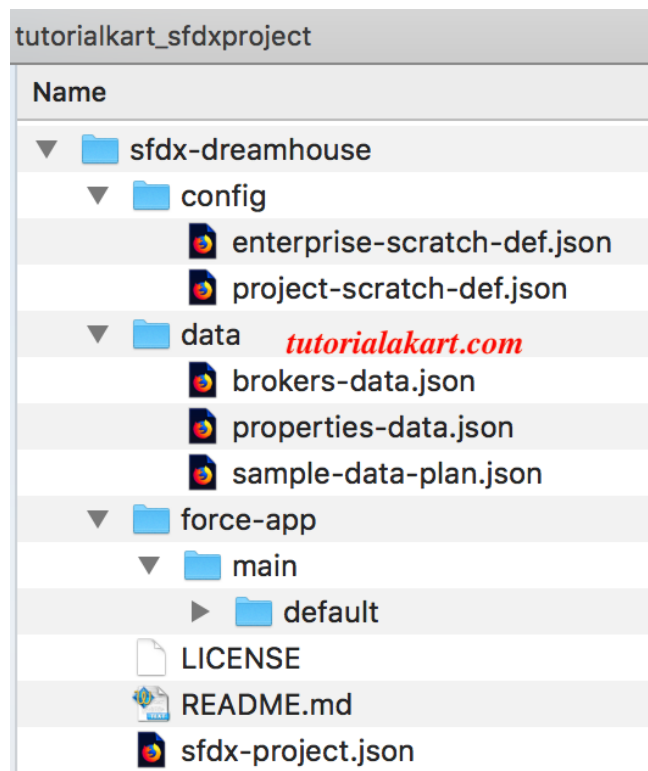
Cloning Sfdx-dreamhouse project

Use the following command to clone the app repository

```
prasanth:tutorialkart_s  
fdxproject prasanth$
```

```
prasanth:tutorialkart_sfdxproject prasanth$ git clone  
https://github.com/forcedotcom/sfdx-dreamhouse.git  
Cloning into 'sfdx-dreamhouse'...  
remote: Counting objects: 2073, done.  
remote: Compressing objects: 100% (9/9), done.  
remote: Total 2073 (delta 1), reused 3 (delta 0), pack-reused 2062  
Receiving objects: 100% (2073/2073), 82.27 MiB | 251.00 KiB/s, done.  
Resolving deltas: 100% (851/851), done.  
prasanth:tutorialkart_sfdxproject prasanth$
```

Now the repository pulls every source code into our local system(Mac) as shown below.



Creating a project in [Salesforce Developer experience](#) is simple as shown and in our next step we should

create Scratch Orgs, Push source metadata to Scratch Org and open the Scratch Org.

Home : Salesforce Admin Tutorials

- [Salesforce Administration](#)

Section 1 : Getting Started

- [What is Salesforce.com](#)
- [What is login.Salesforce.com](#)
- [Enabling Caching and Automcomplete at Salesforce login](#)
- [Overview of ERP and CRM](#)
- [What is Cloud Computing](#)
- [Why Salesforce CRM is #1 on Demand](#)

Section 2 : Designing your Data Model

Section 3 : Building your Data Model

- [Understanding Salesforce.com application](#)
- [How to create an App in SFDC?](#)
- [How to create custom object in SFDC](#)
- [Creating fields using different field types in Salesforce.com](#)
- [Overview on Salesforce Object Relationships](#)
- [How to create Master Detail relationship in SFDC?](#)
- [Cannot create Master Detail Relationship?](#)
- [How to create Lookup relationship in salesforce.com?](#)
- [How to create Many to Many Relationship in Salesforce?](#)
- [What is Schema Builder](#)

Section 4 : Implementing Business Logics

- [What is a Formula Filed?](#)
- [What are Cross Object Formulas?](#)
- [What are Validation Rules?](#)
- [Roll up Summary Fields](#)
- [Field Dependencies](#)

Section 5 : Setting up User Interface

- [Page Types and Page Elements](#)
- [What are page Layouts?](#)
- [Home page layouts and components](#)

↳ Why Documents are used in Salesforce

↳ List Views

Section 6 : Customizing Standard Salesforce Application

↳ How to Customise Standard Salesforce application

Section 7 : Salesforce Security Model

↳ Overview on Salesforce security Model

↳ How to create New Users in SFDC?

↳ What is SAML?

↳ Public groups in Salesforce

↳ Role Hierarchies in Salesforce.com

↳ How to create and manage Profiles

↳ What is Field Level Security?

↳ How to use Permission Sets?

↳ Control Record visibility using Organisation wide Defaults

↳ Control Record visibility using Role Hierarchy

↳ Control Record visibility using Sharing Rules

↳ What are Record Types and how can we configure

↳ What are Page Types and page Elements

Section 8 : Data Management

↳ Different Data Management Tools

↳ How to install Apex Data Loader in macOS and Windows

↳ How to Insert a record using Apex Data Loader

↳ How to Update and Insert records Apex Data Loader

↳ How to Delete and Export records Apex Data Loader

Section 9 : Salesforce.com Audit

↳ Field History Tracking

↳ Setup Audit Trail

Section 10 : Automate Business Process

↳ How to create New Email Template in Salesforce

↳ Salesforce Workflow Rules Overview

↳ Creating Workflow rules with Rule Criteria & Workflow actions

↳ Configuring Approval Process

↳ Assignment rules for Leads and Cases

Section 11 : Reports and Dashboards

Section 11 : Reports and Dashboards

▸ What is a report in Salesforce and how we create them?

▸ Salesforce Reports and Dashboards Overview

▸ How to use report builder?

▸ How to create Summary reports?

▸ How to create matrix reports?

▸ How to create salesforce Dashboard, Different Dashboard Components, Customizing Dashboard Components, How to create Dynamic Dashboard in Salesforce, Deleting and Printing Salesforce Dashboards

▸ Creating Dashboards with Dashboard Components for Tabular and Joined Reports

Section 12 : Salesforce Service Cloud

▸ Overview on Salesforce Service Cloud

Section 13 : Portal and Sites

Section 14 : AppExchange

▸ What is Salesforce AppExchange.

Section 15 : Managing Sandboxes

▸ What is Salesforce Sandbox?.

▸ Different Sandboxes and Sandbox Environment Types.

▸ How to create Salesforce Sandbox template?.

▸ How to create Salesforce Sandbox?

▸ How to login Salesforce Sandbox?

Section 16 : Salesforce lightning

▸ How to create Salesforce custom domain?

▸ What is Salesforce lightning Experience?

▸ What is Salesforce lightning component Framework?

▸ Creating first Salesforce lightning App

▸ Styling Salesforce lightning App

▸ Lightning Componnet : aura:attribute tag

▸ What is Salesforce DX?

▸ Create Salesforce DX project

▸ Salesforce Dev Hub Setup step-by-step

▸ Creating Sratch Org