

Easy Component Finder

If you're tired of searching a specific component by Navigating to setup and filtering individual components like Workflows, Classes, Pages, Fields, Objects ,LWC,Aura,Custom metadata , custom settings etc.. use **Easy Component Finder**.

Easy Component Finder is a small App built on LWC, where user can simply search components without creating a **View**

It Helps in finding **Object CRUD access, Field level security , Apex Class Access , Visual-force Page Access, Custom Metadata access , Custom Settings Access and Custom Permissions Specific to Profile.**

Helps in fetching in **debug-logs specific to user**

Helps in finding all Components and find it's where it was used.

List of components it supports as of now.

- Apex Class
- Apex Debug Log
- Apex Trigger
- Apex Job
- Assignment Rule
- Aura Component Bundle
- Custom App
- Custom Label
- Custom Button or Link
- Certificate and Key
- Custom Tab Definition
- Document
- Email Alert
- Field Definition
- Field Set
- Flow Version
- Field Update
- FlexiPage
- Group
- Home Page Component
- Lightning Web Component Bundle
- Lightning Component Definition
- Lookup Filters on
- Object Limits
- Page Layout
- Permission Set
- Profile
- ProfilePermission
- Role
- Record Type
- Remote Site
- Standard Action
- Static Resource
- QuickAction
- WebLink
- Validation Rule
- Visualforce Page
- Visualforce Component

Prerequisites

- If you didn't set any domain for your org. kindly create a domain for your org and deploy it to user as Lightning preview requires domain url.
- From Setup, enter User in the Quick Find box, then select User Management Settings. Enable Enhanced Profile User Interface.

Create a connected app:

Step1: click on Setup → click on App Manager → click on new connected App

step2: Give Name

step3: Give Contact Email with User's Email address

step4: Enable OAuth settings

step5: for time being give call back url as <https://easyfinderlocalhost.com>

step6: select **Allow access to your unique Identifier , Full access , perform request your behalf any time (access token, refresh offline), provide access to your data via web**

step7 : Enable **Require Secret for Web Server Flow**

step 8 : click on save.

step 9: after saving kindly copy **Consumer Key** and **Consumer Secret**

Create a Authentication Provider:

step1:click on Setup → Auth Provider → new

step2: give name , select provider type as Salesforce

step3: give copied **Consumer Key** and **Consumer Secret** from connected app **Client Id** and **Client secret**

copy **orgdomainname** from setup → domains → domainname

give **Authorize Endpoint URL** as : <https://orgdomainname/services/oauth2/authorize>

give **Token Endpoint URL** as : <https://orgdomainname/services/oauth2/token>

example screenshot

Auth. Provider

Auth. Provider Detail

EditDeleteClone

Auth. Provider ID	0SO5g000000fxbK
Provider Type	Salesforce
Name	easyfinderauthprovider
URL Suffix	easyfinderauthprovider
Consumer Key	3MVG9fe4g9fhX0E664zRZ0QQA8kHcxeFWrFw1vFGLpQnfEuEKLeViblkS3wLJclIZgVNqE40uS4mA6onJ7CI
Consumer Secret	Click to reveal
Authorize Endpoint URL	https://finderdemo-dev-ed.my.salesforce.com/services/oauth2/authorize
Token Endpoint URL	https://finderdemo-dev-ed.my.salesforce.com/services/oauth2/token
Default Scopes	refresh_token full
Include Consumer Secret in API Responses	☒ ⓘ
Custom Error URL	
Custom Logout URL	
Registration Handler	
Execute Registration As	
Portal	
Icon URL	

Salesforce Configuration

Test-Only Initialization URL	https://finderdemo-dev-ed.my.salesforce.com/services/auth/test/easyfinderauthprovider
Existing User Linking URL	https://finderdemo-dev-ed.my.salesforce.com/services/auth/link/easyfinderauthprovider
OAuth-Only Initialization URL	https://finderdemo-dev-ed.my.salesforce.com/services/auth/oauth/easyfinderauthprovider
Callback URL	https://finderdemo-dev-ed.my.salesforce.com/services/authcallback/easyfinderauthprovider
Single Logout URL	https://finderdemo-dev-ed.my.salesforce.com/services/auth/rp/oidc/logout

EditDeleteClone

step4: Give Default scopes as refresh_token full

step5; Enable **Include Consumer Secret in API Responses**

step6: After Saving Replace the connected App Callback URL (i.e <https://easyfinderlocalhost.com>)
with Authentication Provider Callback URL.

Create a Named Credential

Give Name as EasyMetadataFinder on Named Credential (don't give any other name as its referred in Managed package label)

URL: your Domain Url (click on setup → my domain → copy your domain name)

ex: <https://yourdomainname>

Named Credential: EasyMetadataFinder

Specify the callout endpoint's URL and the authentication settings that are required for Salesforce to make callouts to

[« Back to Named Credentials](#)

Edit Delete	
Label	EasyMetadataFinder
Name	EasyMetadataFinder
URL	https://finderdemo-dev-ed.my.salesforce.com
▼ Authentication	
Certificate	
Identity Type	Named Principal
Authentication Protocol	OAuth 2.0
Authentication Provider	easyfinderauthprovider
Scope	refresh_token full
Authentication Status	Authenticated as rchidagani@dev.demo
▼ Callout Options	
Generate Authorization Header	☒
Allow Merge Fields in HTTP Header	☐
Allow Merge Fields in HTTP Body	☐
Outbound Network Connection	

Identity Type: Named Principal

Authentication Protocol : OAuth2.0

scope: refresh_token full

Enable Generate Authorization Header.

After saving named credentials will redirect new login page provide your logins and accept and click ok.

User Steps to How to use this Easy Component Finder :

Click on **App** Launcher → Search for **Easy Component Finder** → Select **Easy Component Finder** It will launch as below

Select Component

Apex Class

Visualforce Component

Apex Debug Log

Visualforce Page

Apex Trigger

Assignment Rule

Apex Job

Lightning Component Definition

Aura Component Bundle

Certificate and Key

Custom App

Custom Tab Definition

Document

Object Limits

Custom Label

Field Definition

Field Set

Flow Version

Group

Searching Labels:

Select **Custom Label** by typing any **3 letters (ex label)** and select Custom Label then provide either **name or value** or **last modified by** user's name in **Input box** and then click on **show**.

Select Metadata Component

Show

Here is the table after clicking show, you can filter again with the columns displayed.

Details

▼ Show or Hide Details

View	Id	NamespacePrefix	Name	Value	CreatedBy.Name	LastModifiedBy.Name	Show Depe...
	1012w000009d6b2AAA	EasyFinder	EasyMetaFinder	EasyMetadataFinder	Rajesh Venkata	Rajesh Venkata	

- click on view to open label in new tab
- click on show dependencies to find out where it is used.
- on click of show dependency it will display MetadatacomponentId, Metadatacomponentname and MetadataCompoType list where this has been used.
- click on view to open dependent component in Tab.

Dependent Components

View	MetadataComponentId	MetadataComponentName	MetadataComponentType
	01p2w00000Bq8euAAB	MetadataRetriever	ApexClass

Cancel

Searching ProfilePermissions :

- Select ProfilePermissions
- Search ProfileName by Typing first 3 letters and select the Profile Name
- Search Object Name by Typing first 3 letters and select object
 - It supports all **Standard Objects , Custom Objects, Apex Class Access , ApexPage Access , CustomMeta Data Access ,Custom Settings Access and Custom Permissions**
- Click on show to get only object access for the specified profile.

Select Component

[Show or Hide Fields](#)

Show

Result:

Details

Show or Hide Details

View	DurableId	Parent.ProfileId	SubjectType	Parent.Profile.N...	PermissionsCrea...	PermissionsDelete	PermissionsEdit	PermissionsModifyA...	PermissionsRead	PermissionsViewAll...
	00e30000000hZ2RA...	Partner_Order__c		System Administrato...	true	✓	✓	✓	✓	✓

Searching Field level access for Profile

- Search field by typing first 3 letters and select field and click on show to get field level access for the specified profile

Select Component

Q ProfilePermissions

Q System Administrator (APEX & Activate)

Q Partner Order

Q Aut

▼ Show or Hide Fields

Auto_Renew__c

Contract_Auto_Renewal__c

Show

Result:

Details

▼ Show or Hide Details

Q Type any value to filter

View	DurableId	DurableId	SubjectType	Field	Parent.Profile.Name	PermissionsEdit	PermissionsRead
	011300000000Ggp5.00N300000...	011300000000Ggp5.00N300000...	Partner_Order__c	Auto_Renew__c	System Administrator (APEX & A...	✓	✓

Searching ApexClass Access:

- Search and Select ApexClass Access and provide Class name keyword and click on show
- Follow same steps for searching ApexPage Access , CustomMetaData Access , CustomSettings Access and Custom-permissions Access

Select Component

Q ProfilePermissions

Q System Administrator (APEX & Activate)

Q ApexClass Access

Q PartnerOrder

Show

Details

▼ Show or Hide Details

Q Type any value to filter

View	Edit	Id	Name	ProfileId
		01p0M000001LQIDQAW	COA_IPartnerOrderValidatable	00e30000000hZ2RAAU
		01p0M000001LQHQAQAW	COA_IsPartnerOrderStatusActivated	00e30000000hZ2RAAU
		01p0M000001LQIJQAW	COA_PartnerOrderBatchProcessor	00e30000000hZ2RAAU
		01p0M000001LQIKQAW	COA_PartnerOrderBatchProcessorUtil	00e30000000hZ2RAAU
		01p0M000001LQILQAW	COA_PartnerOrderBatchSchedule	00e30000000hZ2RAAU

- click on view to view all assigned classes specific to profile
- click on edit you will navigate directly to edit screen of assigned classes specific to profile

SETUP

Profiles

Save Cancel

Available Apex Classes

FSL.AWSRestResource

FSL.BatchUpdateExistingPolygons

FSL.BatchUpdatePolygonsRectangleCoordinates

FSL.CrewManagement

FSL.CustomGanttResourceAbsenceAction

FSL.CustomGanttServiceAppointmentAction

FSL.CustomGanttServiceResourceAction

FSL.GanttPalette

FSL.IntegrityResults

FSL.MockHttpResponseGenerator

FSL.OAASRestInsights

FSL.RSOREquest

SFAggrErrorProcJob

SFAggregatorJob

Add

Remove

Enabled Apex Classes

AAATest

AAA_LSPPPositiveTest

AA_LSPPPositiveTest

AB_LeadSalesPartnerTest

ACC_AOVBands

ACC_AOVBandsTest

ACC_AccelerateProcessing

ACC_AccelerateProcessingNoDCTest

ACC_AccelerateProcessingTest

ACC_AccelerateProcessingTestEngLevel

ACC_AdminUIController

ACC_AdminUIControllerTest

ACC_CampaignMemberUtils

ACC_CampaignMemberUtilsTest

Searching Debug-logs specific to user:

- Select Apex debug Log
- give any name like first name or last name on search text and click on show

Select Metadata Component

Apex Debug Log

rajesh

Show

Details

Show or Hide Details

Type any value to filter

View	Id	LogUser.Name	LogLength	Operation	StartTime	Show Depe...
	07L22000009mQBIEAU	Rajesh Retnaswamy	14,683	/aura	2020-07-21T16:08:36.000+0000	
	07L22000009mQBKEAU	Rajesh Retnaswamy	527	/changemgmt/monitorDeployment.apexp	2020-07-21T16:08:47.000+0000	
	07L22000009mQTSEA2	Rajesh Retnaswamy	527	/changemgmt/monitorDeployment.apexp	2020-07-21T16:10:25.000+0000	
	07L22000009mQTTEA2	Rajesh Retnaswamy	525	/changemgmt/monitorDeployment.apexp	2020-07-21T16:11:08.000+0000	
	07L22000009mQXPEAM	Rajesh Retnaswamy	525	/changemgmt/monitorDeployment.apexp	2020-07-21T16:09:27.000+0000	
	07L22000009mQXEAM	Rajesh Retnaswamy	525	/changemgmt/monitorDeployment.apexp	2020-07-21T16:11:24.000+0000	
	07L22000009mQYIEAM	Rajesh Retnaswamy	527	/changemgmt/monitorDeployment.apexp	2020-07-21T16:11:45.000+0000	
	07L22000009mQBLEAU	Rajesh Retnaswamy	3,081	/aura	2020-07-21T16:08:38.000+0000	

you can also filter based on log size and name if you want to open a log click on view.

Details

▼ Show or Hide Details

146							
View	Id	LogUser.Name	LogLength	Operation	StartTime	Show Depe...	
	07L22000009mQ8IEAU	Rajesh Retnaswamy	14,683	/aura	2020-07-21T16:08:36.000+0000		

Search Validation Rules:

- Select Validation rules and select object and click show it will show all list of validation rules under object or select validation rule in the name give validation message then click on show or select validation rule and give validation name click on show.

Select Component

Show

Details

▼ Show or Hide Details

Type any value to filter										
View	Id	NamespacePrefix	ValidationName	Active	ErrorMessage	EntityDefinition.Qu...	CreatedBy.Name	LastModifiedBy.Na...	LastModifiedDate	
	03d220000008u0FAAQ	LID	Check_CompanyId_Value	✓	CompanyId should be a...	Account	Tomasz Parzadka	Tomasz Parzadka	2020-03-03T17:01:11.0...	
	03d3000000098prAAA		ULTIMATE_PARENT_DU...		You must enter only nu...	Account	Tony Kenny	Arunkumar Tharanichel...	2020-01-27T21:37:45.0...	
	03d300000000tkrBAAA		sform_LockedUltimateD...		All DUNS fields must eit...	Account	Susan Davidson Kim	Arunkumar Tharanichel...	2020-01-27T21:37:19.0...	
	03d30000000098pmAAA		PARENTS_D_U_N_S_N...		You must enter only nu...	Account	Tony Kenny	Arunkumar Tharanichel...	2020-01-27T21:36:32.0...	
	03d300000000tkrRAAQ		Hoovers_Ultimate_Pare...		All DUNS fields must eit...	Account	Susan Davidson Kim	Arunkumar Tharanichel...	2020-01-27T21:35:03.0...	
	03d300000000tkrWAAQ		FY_Parent_DUNS_Valid...		All DUNS fields must eit...	Account	Susan Davidson Kim	Arunkumar Tharanichel...	2020-01-27T20:05:00.0...	
	03d300000000tkrBAAA		FY Ultimate Parent D...		All DUNS fields must eit...	Account	Susan Davidson Kim	Arunkumar Tharanichel...	2020-01-27T17:39:56.0...	

Search Validation Rule by its Message

Select Component

Show

Details

▼ Show or Hide Details

Type any value to filter										
View	Id	NamespacePrefix	ValidationName	Active	ErrorMessage	EntityDefinition.Qu...	CreatedBy.Name	LastModifiedBy.Na...	LastModifiedDate	
	03d30000000099bMAAQ		MC_Rating_Validation	true	You are not authorized t...	Account	Scott Rogers	Nihar Aleti	2017-04-12T16:03:31.0...	