



Metadata Glimpser
Org to Org Metadata Viewer

METADATA GLIMPSE

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Application Setup & Customization

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Installing the Application

To install the application follow standard installation wizard steps.

When selecting security settings we recommend granting access to admins only.

Setting up Remote Site Settings

To be able to retrieve information about connected environments the Remote site settings have to be extended with the endpoints displayed on the screens below. To access Remote site settings go to:

Setup->Security->Remote site settings

Remote Site Edit

Enter the URL for the remote site. All s-controls, JavaScript OnClick commands in custom buttons, Apex, and AJAX proxy calls can access this Web address from salesforce.com.

Remote Site Edit

SaveSave & NewCancel

Remote Site Name

Production

Remote Site URL

https://login.salesforce.com/services/Soap/u/29

Disable Protocol Security

☐ i

Description

Active

☒

SaveSave & NewCancel

Remote Site Edit

Enter the URL for the remote site. All s-controls, JavaScript OnClick commands in custom buttons, Apex, and AJAX proxy calls can access this Web address from salesforce.com.

Remote Site Edit

SaveSave & NewCancel

Remote Site Name

Sandbox

Remote Site URL

https://test.salesforce.com/services/Soap/u/29

Disable Protocol Security

☐ i

Description

Active

☒

SaveSave & NewCancel

Setting up Connected Environments

In the applications menu select “*Metadata Glimpser*”. The default landing page “*Differences*” will display the message:

Differences Tab Differences

Compare Environments

 No environments to compare

Before comparing the environments they have to be added to the system. Go to “*Environments*” tab. Provide the required information in section “*New Environment*” and press “*Create*”.

Environments Tab Environments

New Environment

Environment Name

Domain

Username

Password

Create

Existing Enviroments

 No records

The environment information will be stored and new record will appear in section “*Existing Environments*”.

Environments Tab Environments

New Environment

Environment Name

Domain

Username

Password

Create

Existing Enviroments

Name	Type	Host	Username	Action
CloudSix Inc Prod	Production	https://emea.salesforce.com	admin@cloudsixinc.com.prod	Delete
CloudSix Inc Sand	Sandbox	https://emea.salesforce.com	admin@cloudsixinc.com.sand	Delete

Rows per Page Previous | Next Page Of 1

Important

Depending on the location Salesforce instance is hosted the real server domain may vary. The information message box shows the real server domain that has to be added to *Remote site settings*.

Viewing Differences

Viewing Code Differences

If all steps above are completed when “*Differences*” tab is opened there will be the list of environments to compare.

Differences Tab
Differences

Compare Environments

Environments to Compare

Environment: CloudSix Inc Prod Environment: CloudSix Inc Sand

Metadata to Compare

Metadata Components: ☒ Classes ☒ Triggers ☐ Pages ☐ Components ☐ sObjects Components Scope: ☒ Unpackaged ☐ Packaged

Compare

Pick the environments, metadata type and press “*Compare*”. Three sections will show up. For triggers metadata they are “*New Triggers*”, “*Modified Triggers*” and “*Unmodified Triggers*”. Note that section labels match with selected metadata type.

Differences Tab
Differences

Compare Environments

Environments to Compare

Environment: CloudSix Inc Prod Environment: CloudSix Inc Sand

Metadata to Compare

Metadata Components: ☐ Classes ☒ Triggers ☐ Pages ☐ Components ☐ sObjects Components Scope: ☒ Unpackaged ☐ Packaged

Compare

▼ New Triggers

Triggers	Action	Triggers	Action
Account	View	Opportunity	View

▼ Modified Triggers

Triggers	Action
Lead	Compare

▼ Unmodified Triggers

Triggers	Action
Event	View

Notice that files in “*New Triggers*” and “*Unmodified Triggers*” sections can be viewed.

CloudSix Inc Prod Account

```
trigger Account on Account (before insert) {  
    //Account Trigger  
}
```

Instead files in “*Modified Triggers*” section can be compared side by side or in-line

CloudSix Inc Prod vs CloudSix Inc Sand
Lead

View Mode	
☒ Side by Side	
☐ In-line	
CloudSix Inc Prod Lead	CloudSix Inc Sand Lead
1 trigger Lead on Lead (before insert) {	1 trigger Lead on Lead (before insert) {
2 //Lead Trigger Production	2 //Lead Trigger Hot Fix
3 }	3 }

CloudSix Inc Prod vs CloudSix Inc Sand
Lead

View Mode	
☐ Side by Side	
☒ In-line	
CloudSix Inc Prod Lead vs. CloudSix Inc Sand Lead	
1	1 trigger Lead on Lead (before insert) {
2	//Lead Trigger Production
2	//Lead Trigger Hot Fix
3	3 }

Viewing sObject Differences

To compare sObjects select “sObjects” metadata type and press “*Compare*”. Two sections will show up. For sObjects metadata they are “*New sObjects*”, “*Modified / Unmodified sObjects*”. Due to **Salesforce.com platform limitations** to be able to find out if the object configuration has conflicts user is required to click “*Compare*” link next to the sObject’s name. The new page will open. If there are no conflicts user will be notified with the message at the top of the page.

CloudSix Inc Prod vs CloudSix Inc Sand
Account

No conflicts found.

View Mode	
☒ Side by Side	
☐ In-line	
CloudSix Inc Prod Account	CloudSix Inc Sand Account
1 {	1 {
2 "activatable": false,	2 "activatable": false,
3 "childRelationships": [{	3 "childRelationships": [{
4 "cascadeDelete": false,	4 "cascadeDelete": false,
5 "childObject": "Account",	5 "childObject": "Account",
6 "deprecatedAndHidden": false,	6 "deprecatedAndHidden": false,
7 "field": "ParentId",	7 "field": "ParentId",

Otherwise conflicts will be highlighted.

507 "externalId": false,	507 "externalId": false,
508 "litterable": true,	508 "litterable": true,
509 "groupable": true,	509 "groupable": false,
510 "htmlFormatted": false,	510 "htmlFormatted": false,
511 "idLookup": false,	511 "idLookup": false,
512 "inlineHelpText": null,	512 "inlineHelpText": null,
513 "label": "Year Made",	513 "label": "Engine",
514 "length": 0,	514 "length": 0,
515 "name": "Year_Made__c",	515 "name": "Engine__c",
516 "nameField": false,	516 "nameField": false,
517 "namePointing": false,	517 "namePointing": false,
518 "nillable": true,	518 "nillable": true,
519 "permissionable": true,	519 "permissionable": true,
520 "picklistValues": [],	520 "picklistValues": [],
521 "precision": 0,	521 "precision": 3,
522 "referenceTo": [],	522 "referenceTo": [],
523 "relationshipName": null,	523 "relationshipName": null,
524 "relationshipOrder": null,	524 "relationshipOrder": null,
525 "restrictedDelete": false,	525 "restrictedDelete": false,
526 "restrictedPicklist": false,	526 "restrictedPicklist": false,
527 "scale": 0,	527 "scale": 1,
528 "soapType": "xsd:date",	528 "soapType": "xsd:double",
529 "sortable": true,	529 "sortable": true,
530 "type": "date",	530 "type": "double",
531 "unique": false,	531 "unique": false,

To be able to easily keep track of sObjects with configuration modifications click the row in “*Modified / Unmodified sObjects*” section to place the marker. Click the row second time to unmark the sObject.

Differences Tab

Differences

Compare Environments

Environments to Compare

Environment: CloudSix Inc Prod

Environment: CloudSix Inc Sand

Metadata to Compare

Metadata Components: ☐ Classes ☐ Triggers ☐ Pages ☐ Components ☒ sObjects

Components Scope: ☐ Standard ☒ Custom

Compare

New sObjects

No records

Modified/Unmodified sObjects

sObjects	Action
Ad Group	Compare
Google Campaign	Compare
Keyword	Compare
Search Phrase	Compare
Text Ad	Compare
SFGA Version	Compare
Vehicle	Compare

FAQs

Q: Why “Unauthorized endpoint” error is displayed when adding information about environment?

A: Refer to section “*Setting up Remote site settings*” in this guide.

Q: Why do I get “Error: Script-thrown exception” when trying to add an environment?

A: Add user’s security token to the end of password in order to log in. A security token is an automatically-generated key from Salesforce. For example, if a user’s password is *mypassword*, and the security token is *XXXXXXXXXX*, then the user must enter *mypasswordXXXXXXXXXX*.