

Description

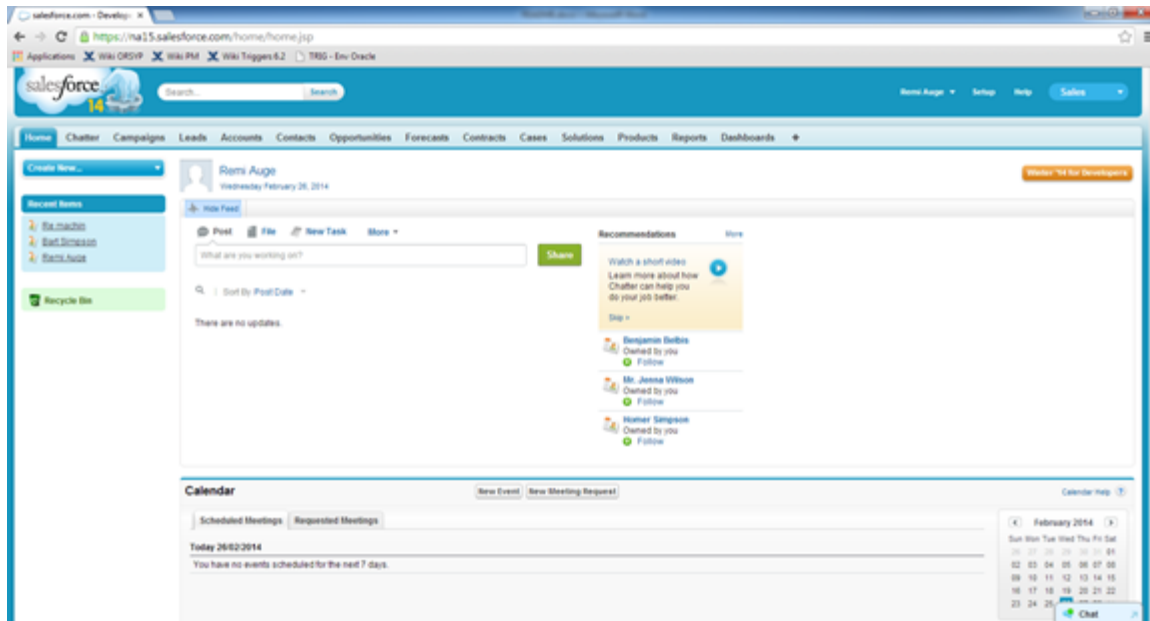
This example shows how we can use Dollar Universe Triggers within Salesforce. When one or several Contacts are created, the first and last names of these contacts are sent to Dollar Universe Application Server. This notification can eventually trigger Dollar Universe workflows.

How to

The good thing with Salesforce is that you can try with your own instance. You just have to register here: <http://events.develo...orce.com/signup> to get a developer instance of Salesforce.

Everything you can do here can also be done by any Salesforce administrator. Even if it's a SaaS application, some users has privileged access to the application.

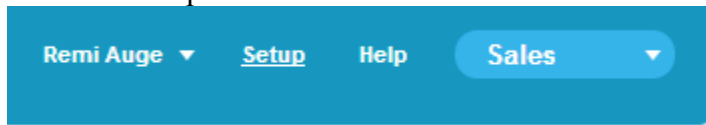
Once your own instance of Salesforce is available, you can access to it and it will be like:



First step: Allow Salesforce to communicate with your DU host.

Since Salesforce is a SaaS application, your \$U node must have a public IP address. If this is not possible, you have to ensure a proper redirection via firewalls.

Go under setup :



Then, on the left panel, go under Administer, Security Controls, Remote Site Settings

Administer

- ▶ Manage Users
- ▶ Manage Apps
- ▶ Company Profile
- ▼ Security Controls
 - Sharing Settings
 - Field Accessibility
 - Password Policies
 - Session Settings
 - Network Access
 - Activations **New!**
 - Login Access Policies
 - Certificate and Key Management
 - Single Sign-On Settings
 - Auth. Providers
 - Identity Provider
 - View Setup Audit Trail
 - Expire All Passwords
 - Delegated Administration
- Remote Site Settings
- HTML Documents and Attachments Settings

Create new remote site. Here is what I did for my demos (basically, I put here the public IP address of ORSY’s firewall: MIS did a redirection to my actual DU node):

Remote Site Details
[← Back to List: Remote Site Settings](#)

Remote Site Detail Edit Delete Clone

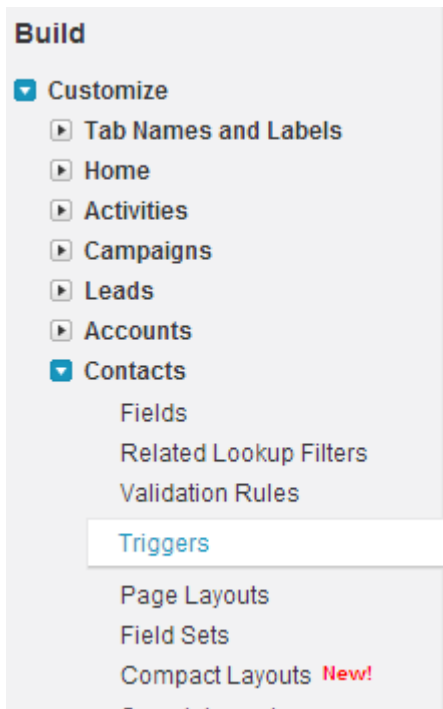
Remote Site Name	VM_Triggers	Modified By	Remi.Auzo, 05/12/2013 2:36 PM
Remote Site URL	http://64.254.253.219		
Disable Protocol Security	<input type="checkbox"/>		
Description	This is the Ip of the Public Firewall in ORSY. A redirection has been made on this firewall to target the VM where the SU is.		
Active	<input checked="" type="checkbox"/>		
Created By	Remi.Auzo, 05/12/2013 2:36 PM		

Edit Delete Clone

Once this is done, your instance of Salesforce is allowed to send notifications to this IP address.

Second step : choose the new object that will send the event

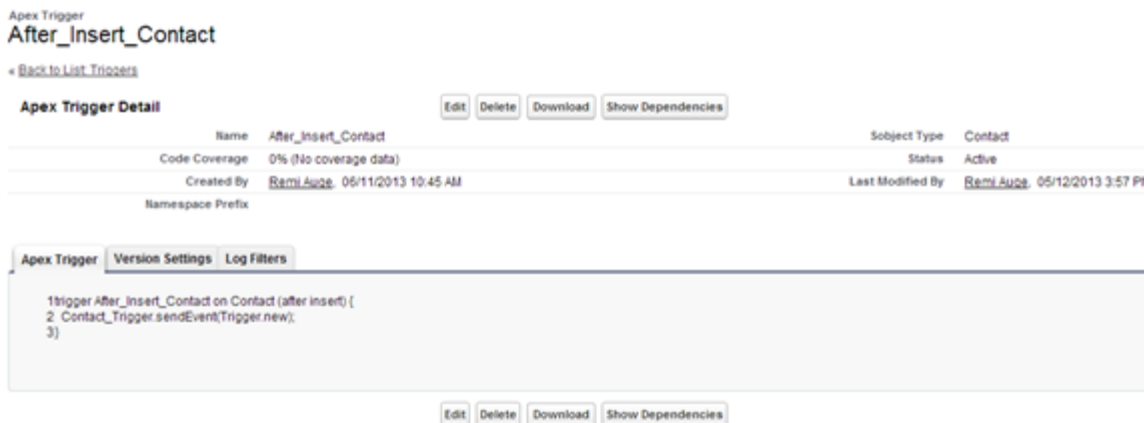
I wanted to send an event when a new contact is created. So go under Build, Customize, Contact, Triggers



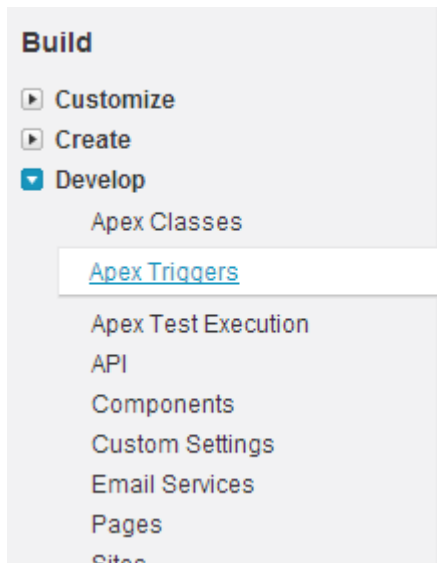
Add a new trigger (click New) and paste this code :

```
trigger After_Insert_Contact on Contact (after insert) {
    Contact_Trigger.sendEvent(Trigger.new);
}
```

Once you saved it, it will be like:



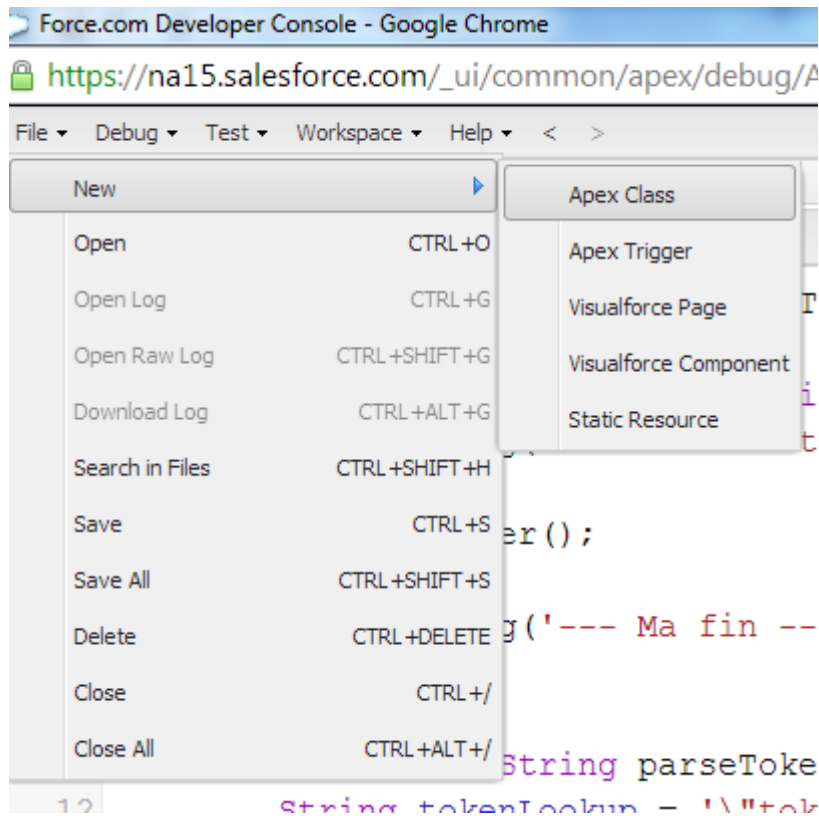
This will call a small APEX script (a class actually) that we are going to define right now. Look for the 'Apex Trigger' in the 'Build -> Develop' menu (left panel)



You will see your own trigger already defined:

Action	Name ↑	Namespace Prefix	Subject Type	Api Version	Status	Size Without Comments
Edit Del	After_Insert_Contact		Contact	29.0	Active	100

Click on developer Console button, we are going to add the class we need. Do New -> APEX class:

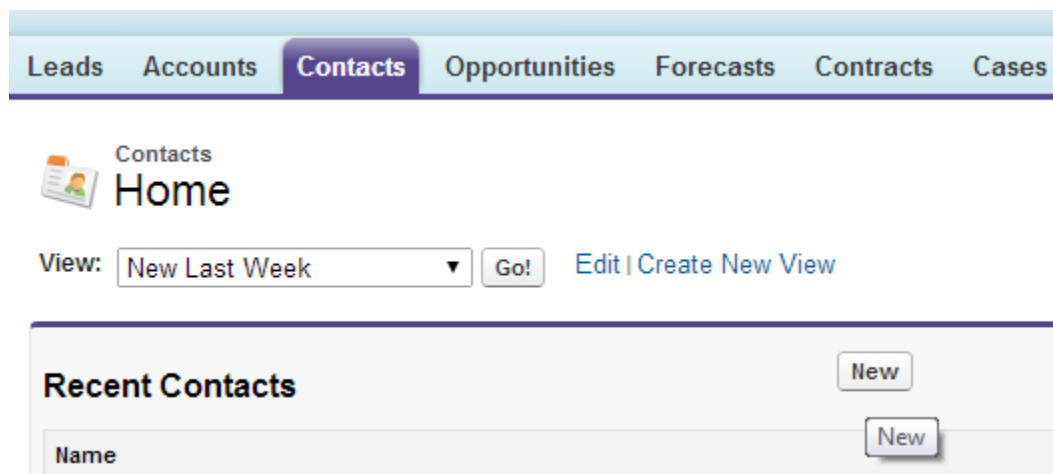


Then copy and adapt the code provided (attached to this page)

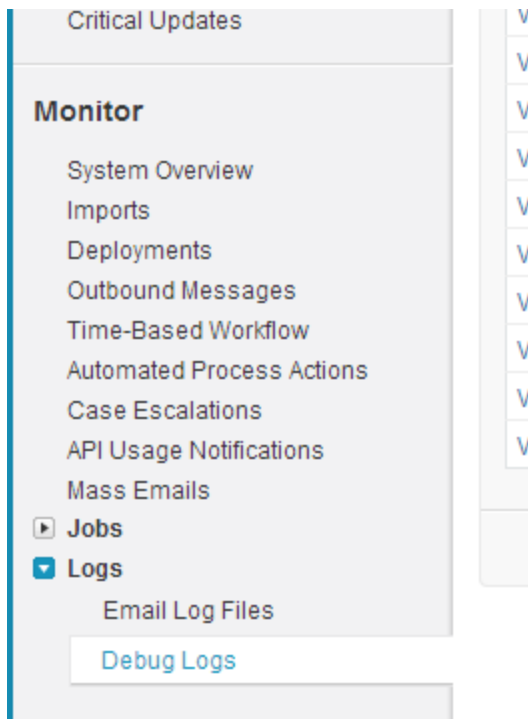
Save the Class and close the Editor. **DONE!**

Third Step : Create the new object (and check the logs)

You are now ready! In order to send the event to Dollar Universe, you just have to create a New contact in your Salesforce instance!



Last thing, if you want to check the logs on Salesforce, you can go there : Setup, Monitor, Logs, Debug (at the very bottom of the left panel)



Appendice :

Note: if you prefer to use Eclipse to edit your code, you can use the instructions here:
http://wiki.develope...on_to_Force_IDE

The Force.com IDE will allow you to use Eclipse instead of the online tool to write your code.