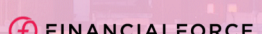
Welcome to

dreamOlé©



#dreamOle18

Barcelona 2018

dreamOlé©

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Platform Events and the Spanish Omelette

We want you to participate!

#dreamOle18_noOnion

#dreamOle18_withOnion

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SEE YOUR CUSTOMERS IN FULL COLOR
With the only customer-centric ERP on Salesforce

Agenda

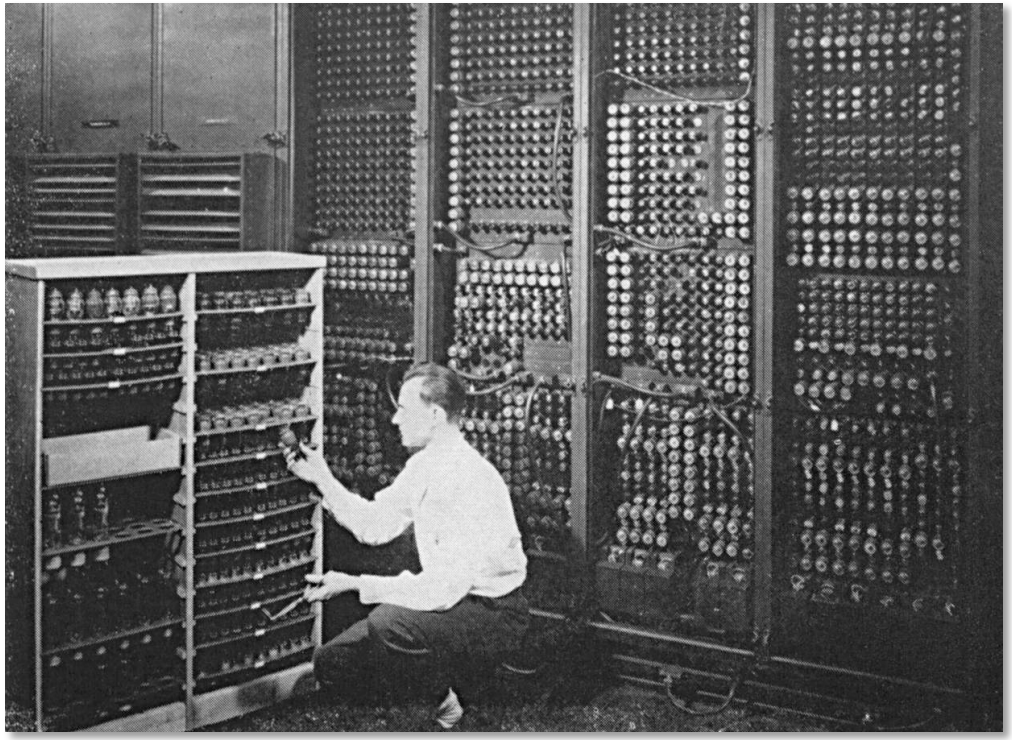
- What is Platform Events?
- Benefits of an Event Driven Architecture
- What else is in Platform Events
- How to get subscribed and publish events with and without code
- Demo

What is Platform Events?

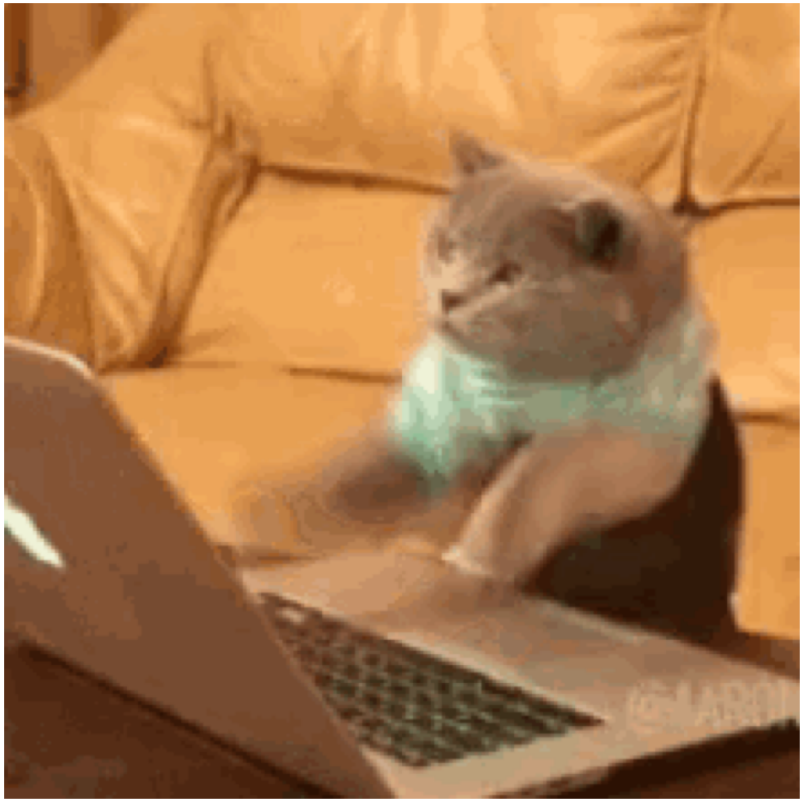
A bit of history

The abacus. One of the first mechanical tools to help the human being with calculations.

A bit of history



A bit of history



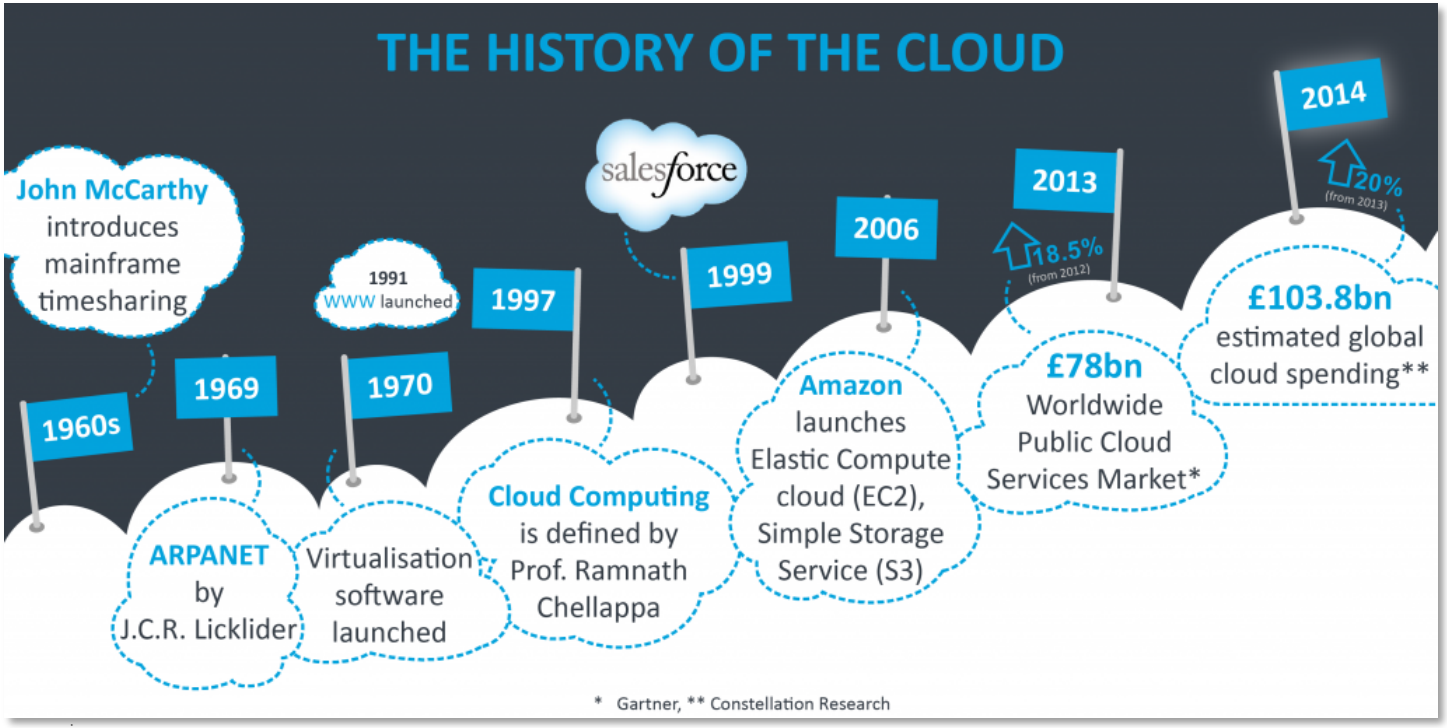
A bit of history

Extreme programing

A bit of history

A big guy with a big dream.

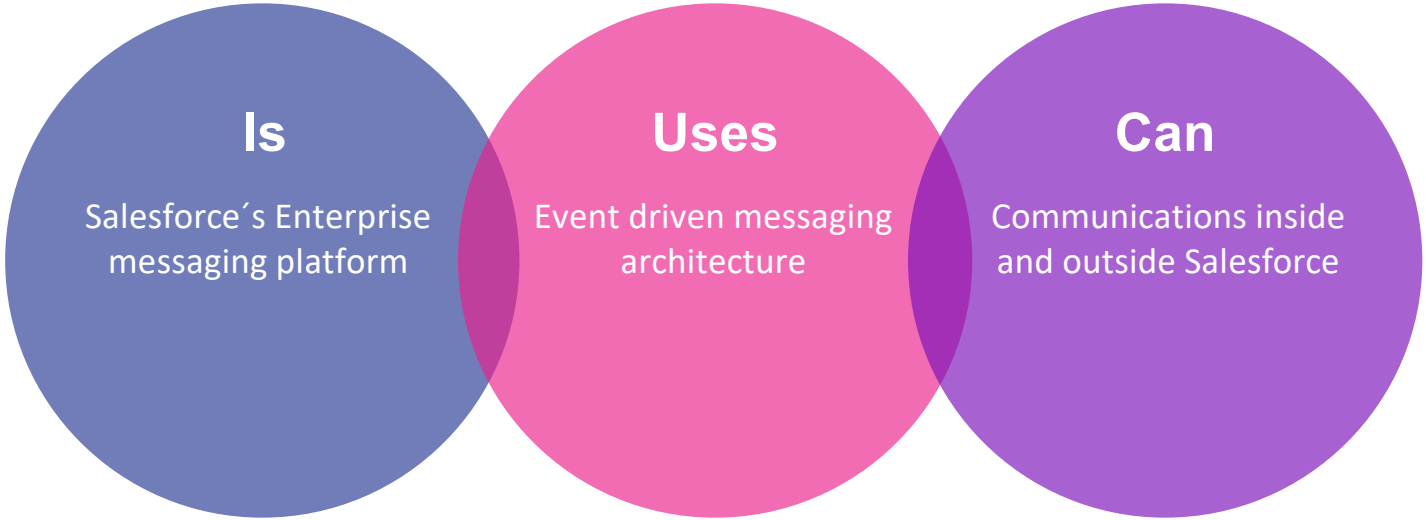
A bit of history



A bit of history

- From pulled to pushed with Streaming API
- Next stop, Platform Events.

What is Platform Events?



What is Platform Events?

So, basically…

New sObject

- Ended with __e
- Not all field types are allowed
- No standard UI
- No queryable
- Replay ID
- Automated Process

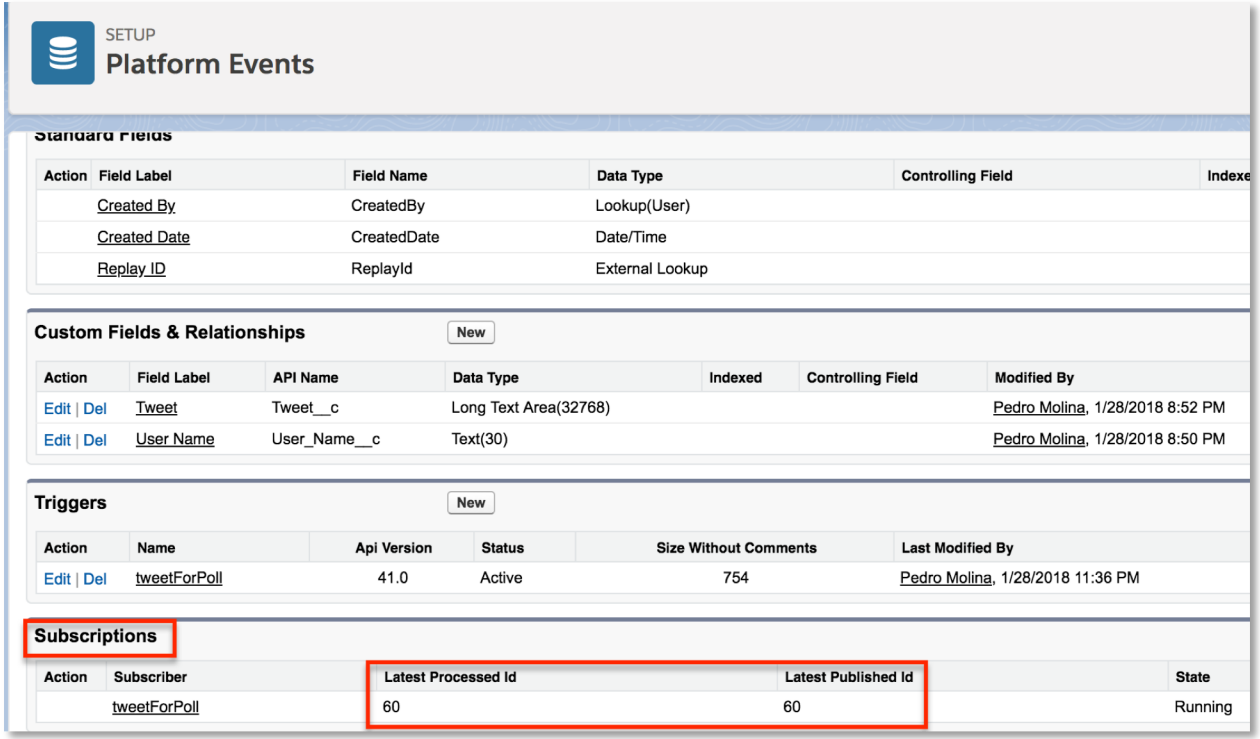
Decouple the couples

Publisher and subscriber do not need to know each other

With & without code

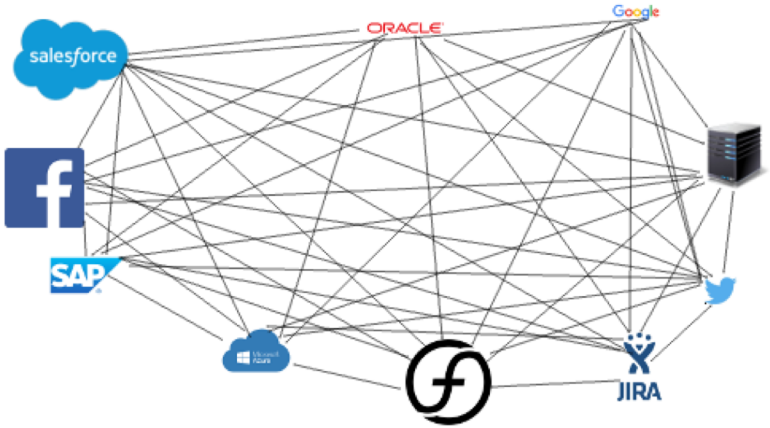
- APEX
- Process Builder
- Visual Flow (pub but not sub)

Subscriptors and replay ID

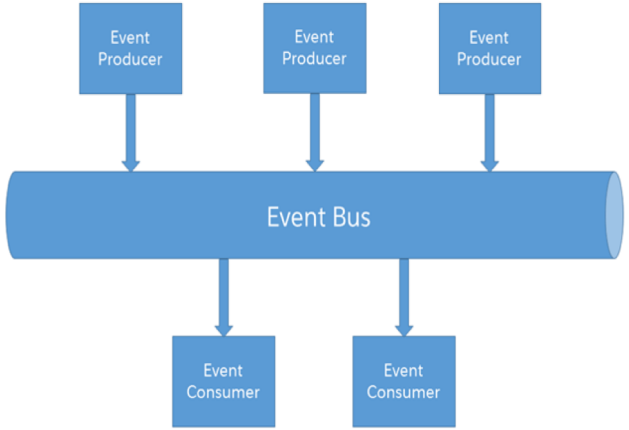


Event Driven Architecture

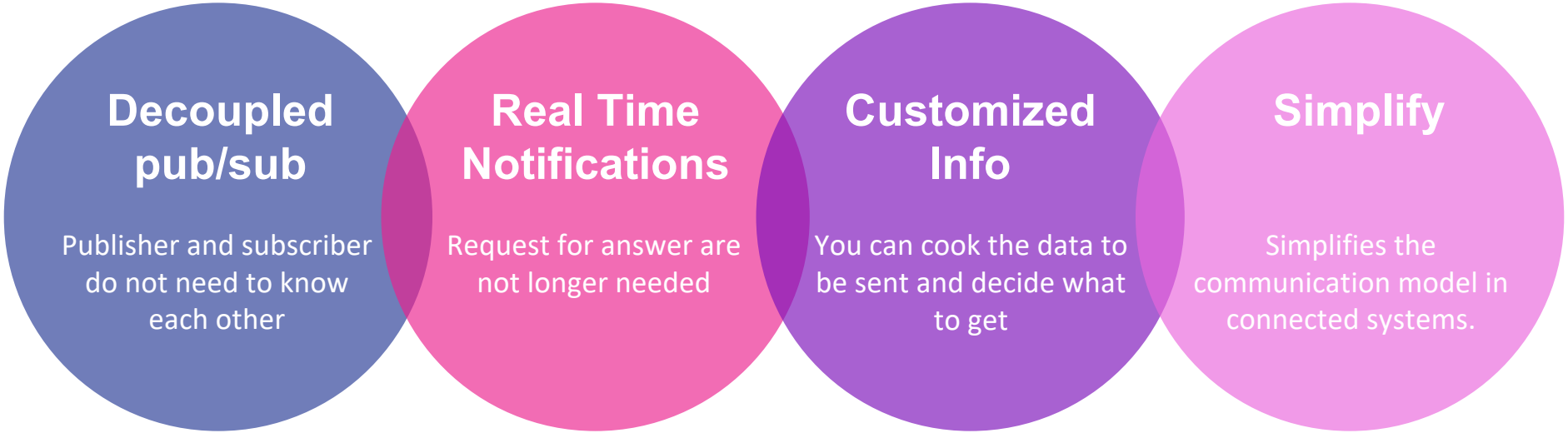
What is Event Driven Architecture



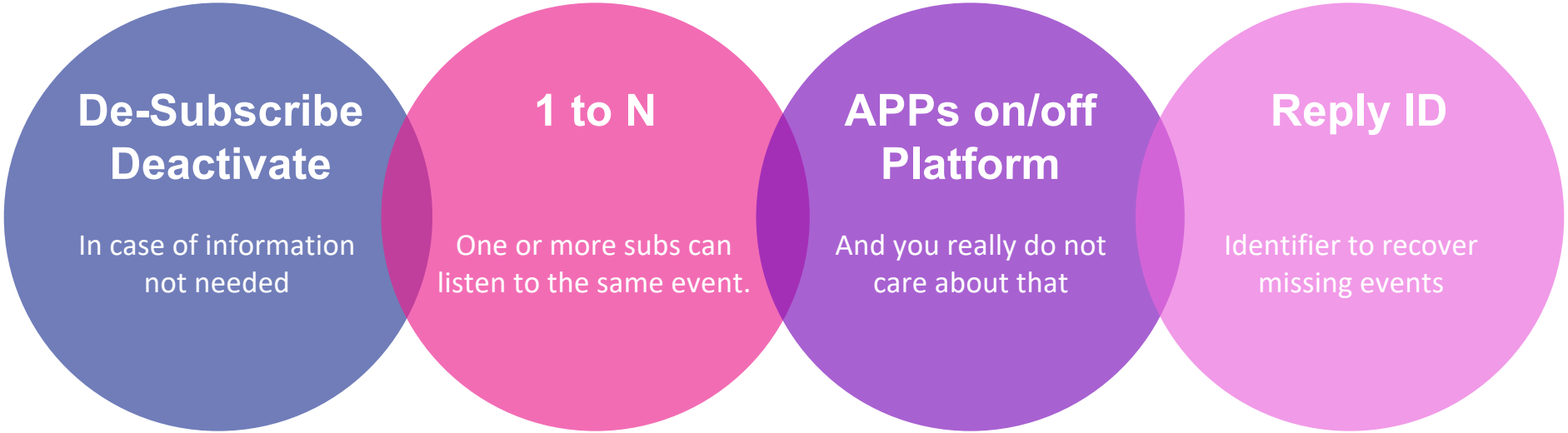
VS



Benefits of the Event Driven Architecture



Benefits of the Event Driven Architecture



Reply ID example

What else is in Platform Events

What else is in Platform Events

Change Data Capture

High-Volume Platform Events

Subscribing and Publishing

Do it with or without code

Using APEX

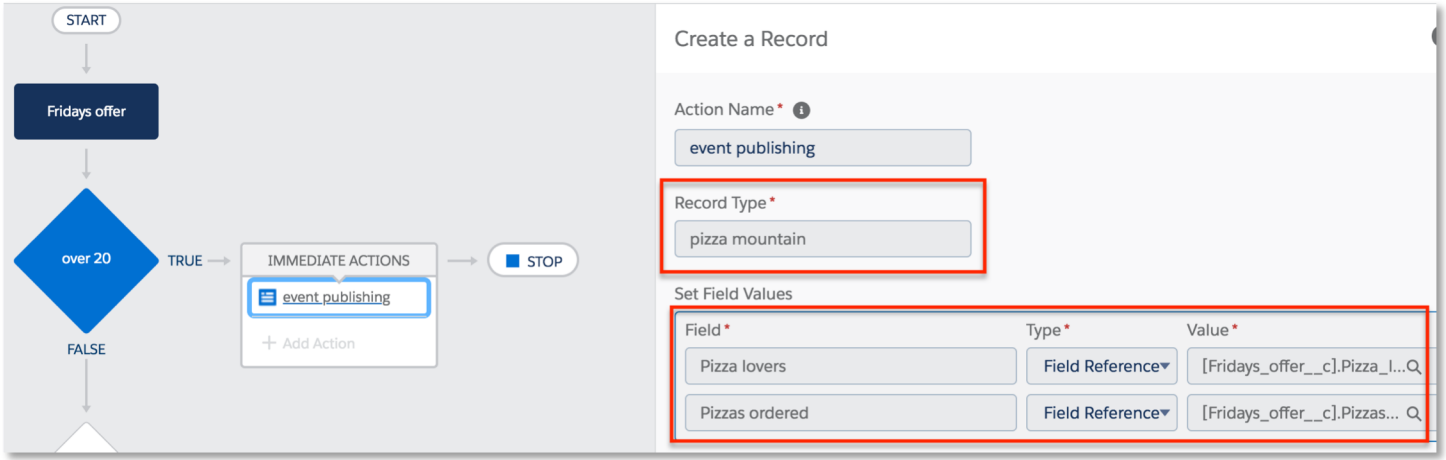
Subscribing

```
trigger DOTrigger on dreamOleEvent__e (after insert) {
    for(dreamOleEvent__e event : trigger.new){
        //do the thing...
        system.debug('I am receiving stuff '+event);
        //do the thing...
```

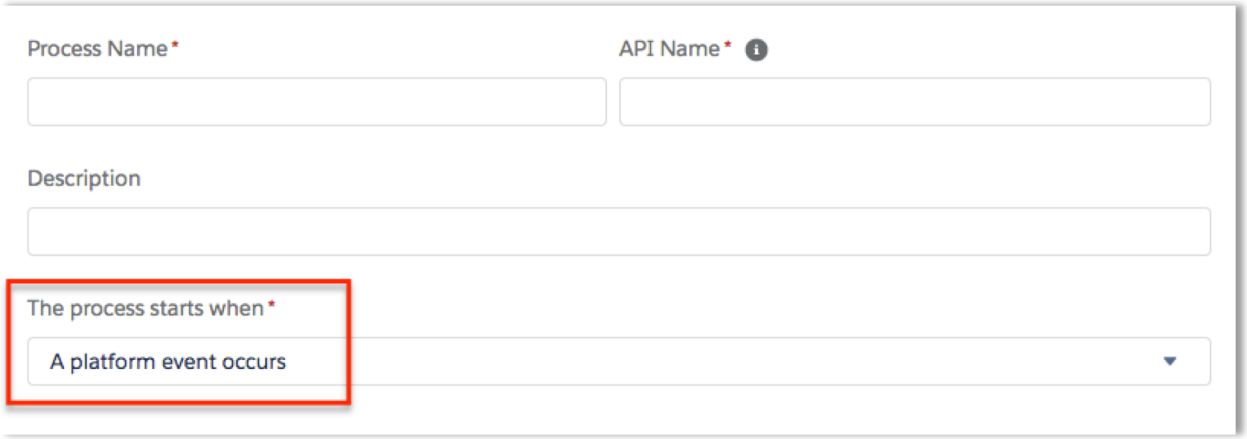
Publishing

```
dreamOleEvent__e eventToSent = new dreamOleEvent__e();
//fill event fields or do your stuff
List<Database.SaveResult> results = EventBus.publish(new List<dreamOleEvent__e>{eventToSent});
```

Publishing with Process Builder



Subscribing with Process Builder



From outside of Salesforce

CometD
REST API
SOAP API
Bulk API

From outside of Salesforce

Subscribing

```
import com.salesforce.emp.connector.BayeuxParameters;
import com.salesforce.emp.connector.EmpConnector;
import com.salesforce.emp.connector.TopicSubscription;
```

Publishing

```
import com.force.api.ApiVersion;
import com.force.api.ApiConfig;
import com.force.api.ForceApi;
```

Demo

Time to take an important decision

#dreamOle18_noOnion
#dreamOle18_withOnion

heroku

Event Bus

salesforce

We want you to participate!

#dreamOle18_noOnion

#dreamOle18_withOnion

Q & A

copa.do

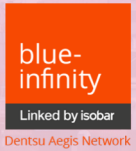
omega crm

Cognizant

FORMTITAN

resco.net
technology on the move

MAKEMECLOUD
consulting

aircall

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