Replication API to identify changes

The **Replication API** for **Salesforce** aims to identify all modified objects duante a time interval.

This **SOAP API** allows to obtain in a time interval, those new, modified or eliminated objects in our ORG.

Although this is also possible by accessing the Audit fields of the object records, this API has a very important characteristic: it is accessible via 2 methods of the Database class: **getUpdated ()** , **getDeleted ()** and it is transversal to all of them.

Specifically, an array of IDs of the new / modified or deleted records is obtained, and the time at which the query was made (to be able to link another one later).

This API, and I suppose from there the name that Salesforce gave it (and which in my opinion is not the identifier of its functionality), is aimed at System Integration (obtaining the changes made to synchronize with other systems). But there are other scenarios where it can be useful: audit of changes during a special event, data reconciliation etc.

Basic example of use: