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Cloud Elements

Deliver a low-code/no-code experience around third-party connectivity by utilizing 120+ Elements (pre-built connectors). The Cloud Elements Layer of Abstraction creates a canonicalized data and object model that accelerates your developers time to market to produce these connectors. Seamlessly embed Elements onto your platform to connect Enterprise End Users to the cloud services they require for rapid application development.

CLOUD ELEMENTS LAYER OF ABSTRACTION

MS DYNAMICS (SDK) API

```
<EntityType Name="account" BaseType="mscr
crmbaseentity">
  <Key>
   <PropertyRef Name="accountid" />
  </Key>
  <!--Properties and navigation propertie
removed for brevity-->
  <Annotation Term="Org.OData.Core.V1.Desc
-ption" String="Business that represents a
customer or potential customer." />
</EntityType>
```

Name= “account”

SALESFORCE (REST) API

```
// create an Account object and set the body
Account accountClass = new ApexClass();
apexClass.Body = classBody;
Account[] classes = { accountClass};

// call create() to add the class
SaveResult[] saveResults = sforce.create(classes)
for (int i = 0; i < saveResults.Length; i++)
   if (saveResults[i].success)
        Console.WriteLine("Successfully created Class
         saveResults[i].id);}
```

Account object

NETSUITE (SOAP) API

```
<?php require_once './PHPToolkit/NetSuiteServi
$service = new NetSuiteService();

// create Customer record $customer1 = new C
$name = 'customer_php_async_1';

$customerFields1 = array (
    'entityId'        => $name,
    'companyName' => $name,
    'externalId'  => $name
);
```

Customer record

NORMALIZATION OF REST APIs TO YOUR DATA MODEL

Cloud Elements

UNIFORM REST API

GET /accounts

Find accounts in the CRM system, using the provided CEQL search expression. The search expression in CEQL is the WHERE clause in a typical SQL query, but without the WHERE keyword. For example, to search for all accounts whose name contains the word 'data', the search expression parameter will be where=name like '%data%'. If a search expression is not provided, then the first 200 records will be returned. If a value of true is specified for the includeDeleted flag, then any soft-deleted records will also be considered in the searched records.

POST /accounts

Create a new account in the CRM system. Account creation will flow through Cloud Elements to your CRM service. With the exception of the 'id' field, the required fields indicated in the 'Account' model are those required to create a new account.

DELETE /accounts/{id}

Delete an account associated with a given ID from your CRM system. Specifying an account associated with a given ID that does not exist will result in an error message.

GET /accounts/{id}

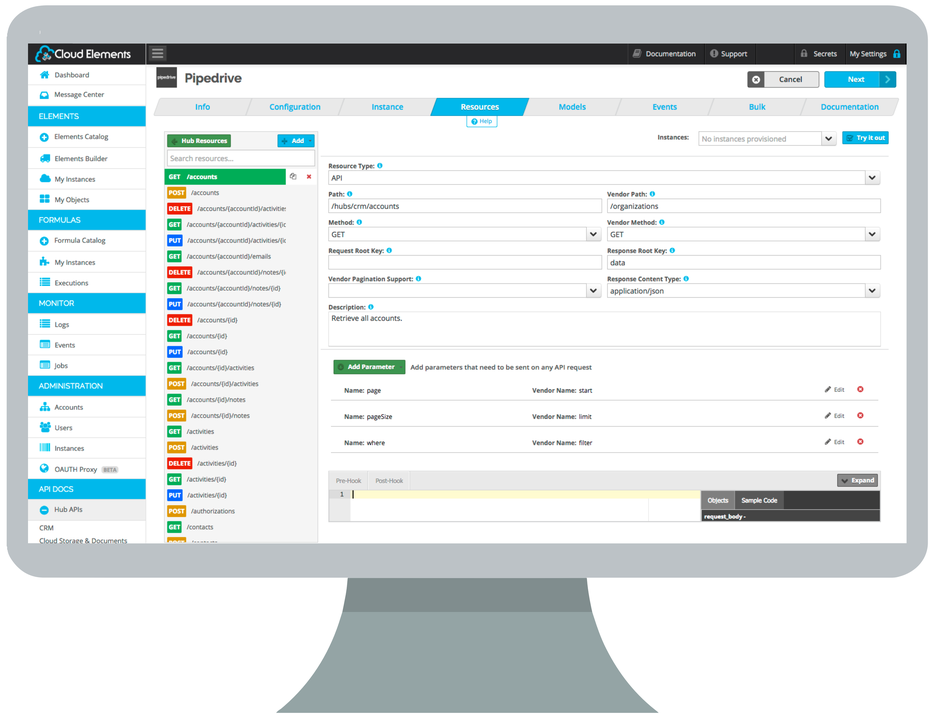
Retrieve an account associated with a given ID from the CRM system.Specifying an account with a specified ID that does not exist will result in an error response.

PATCH /accounts/{id}

Update an account associated with a given ID in the CRM system. The update API uses the PATCH HTTP verb, so only those fields provided in the account object will be updated, and those fields not provided will be left aloneUpdating an account with a specified ID that does not exist will result in an error response.

ELEMENT BUILDER

DISTRIBUTE ELEMENTS INTO LEADING PLATFORMS' CATALOG OF CONNECTORS

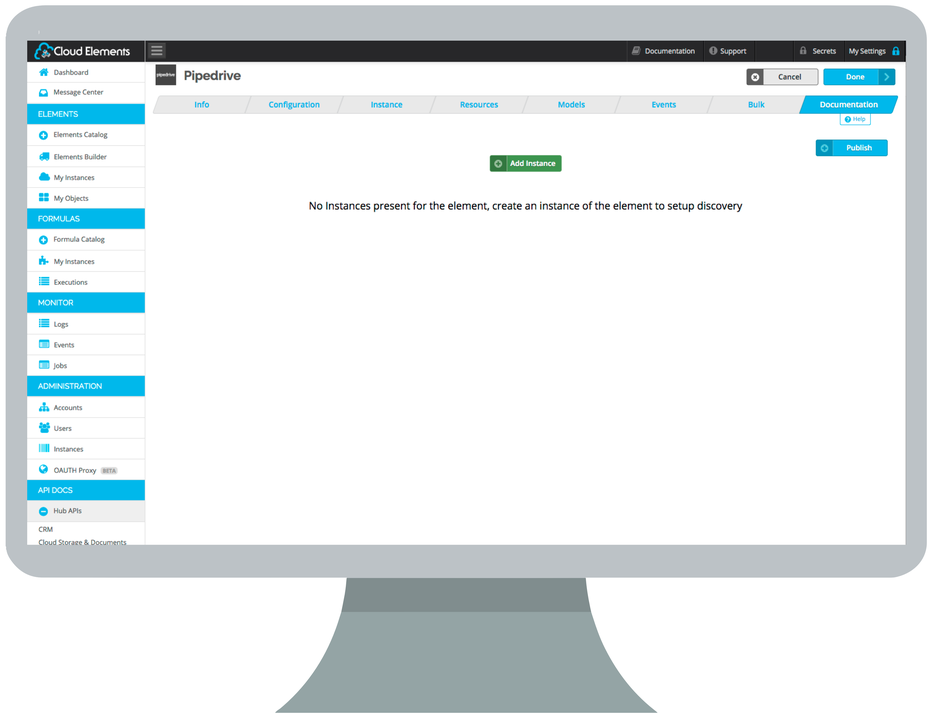


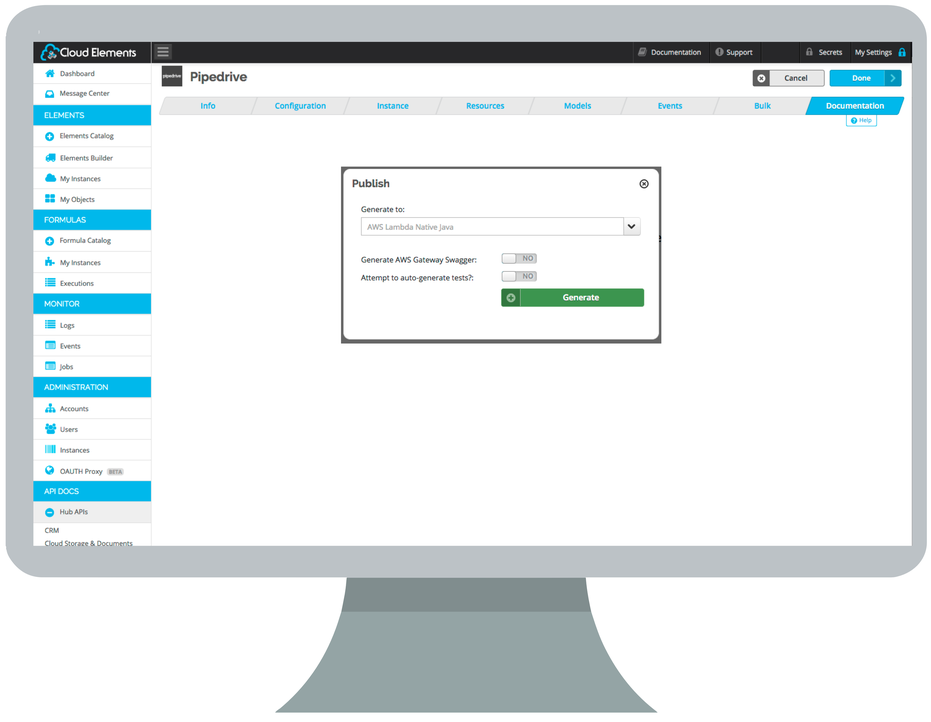
NORMALIZE

Normalize objects and features such as authentication, paging, errors, and search.

EXTEND

Extend Elements onto your platform using a uniform data model.





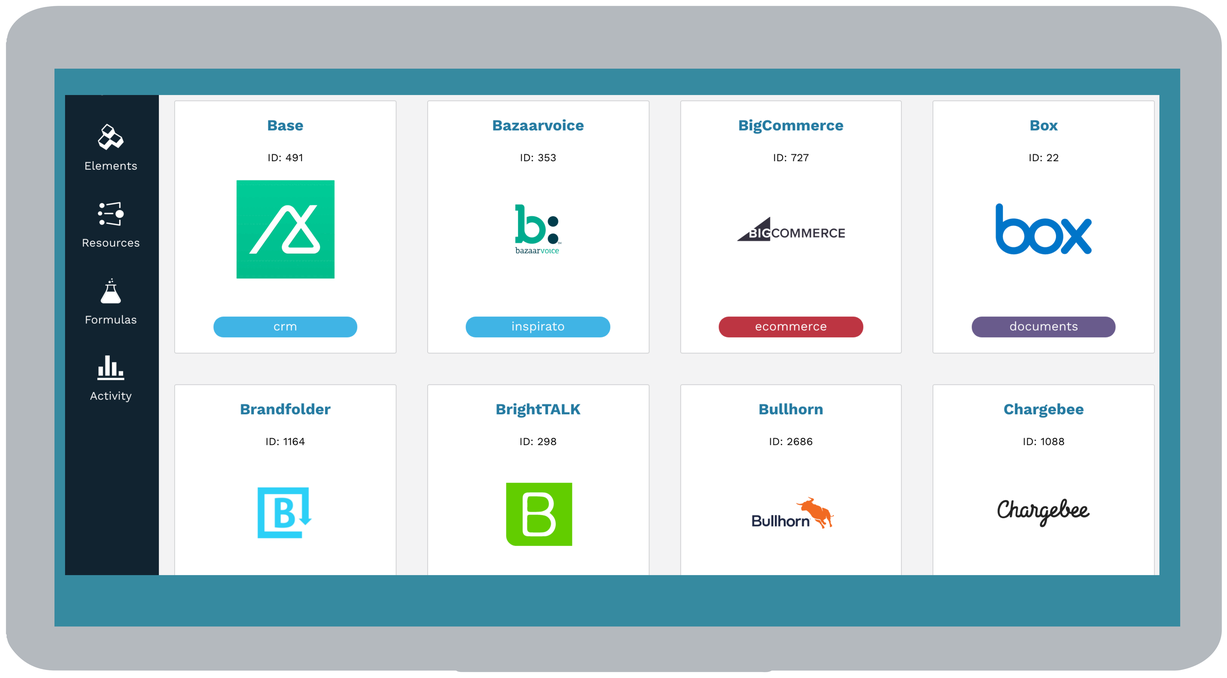
DISTRIBUTE

Distribute Elements into leading platforms such as IBM and AWS.

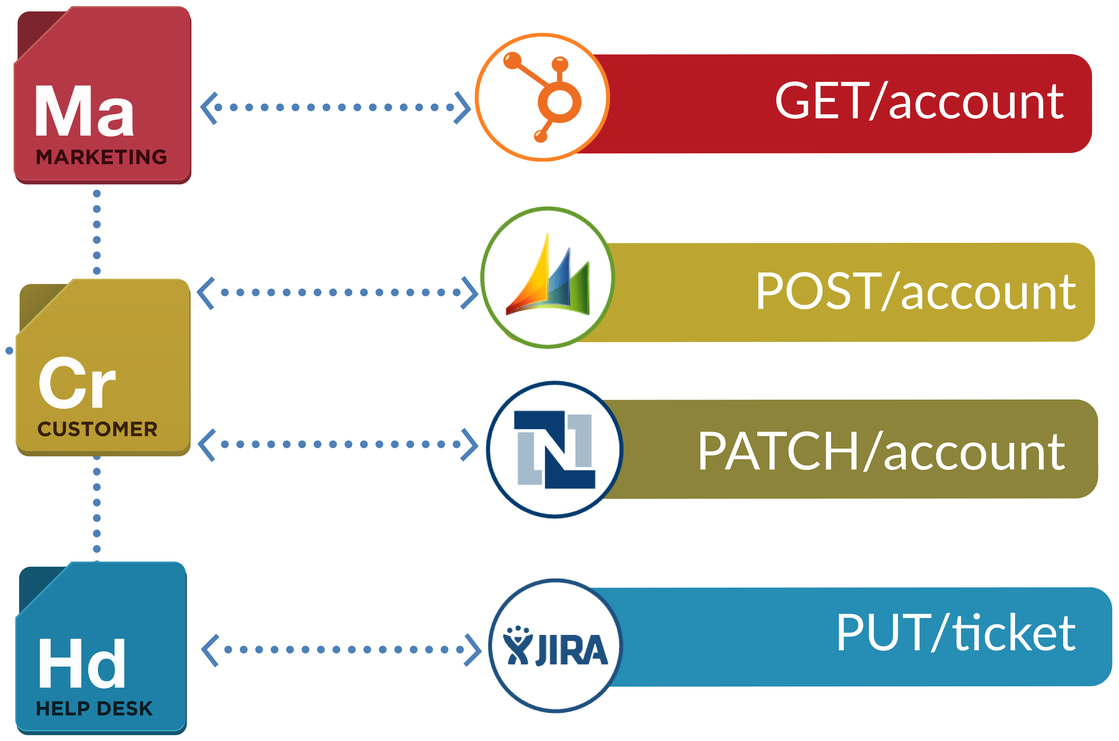
OPEN API INITIATIVE PUBLISH STANDARDIZED API DEFINITIONS OPEN API INITIATIVE

NORMALIZED ELEMENTS

YOUR PLATFORM'S CONNECTORS



CONNECT TO THE DATA IN THE APPS YOUR CUSTOMERS USE



WHY CLOUD ELEMENTS

INCREASE THE BREADTH OF YOUR NATIVE PRE-BUILT CONNECTORS

FASTER TIME TO MARKET

SINGLE PARTNER FOR ALL OF YOUR CONNECTORS

REDUCE DEVELOPMENT COST AND ONGOING MAINTENANCE

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