Microsoft Dynamics - Create Objects Attached to other Objects

Microsoft Dynamics allows for the creation of objects that can be attached to other objects. For example, one can create a Contact with Activities attached to the Account. Another example is creating an Account and then creating a Case attached to that Account. The Activity and the Case are independent objects that can be created without having to be attached to another object as well.
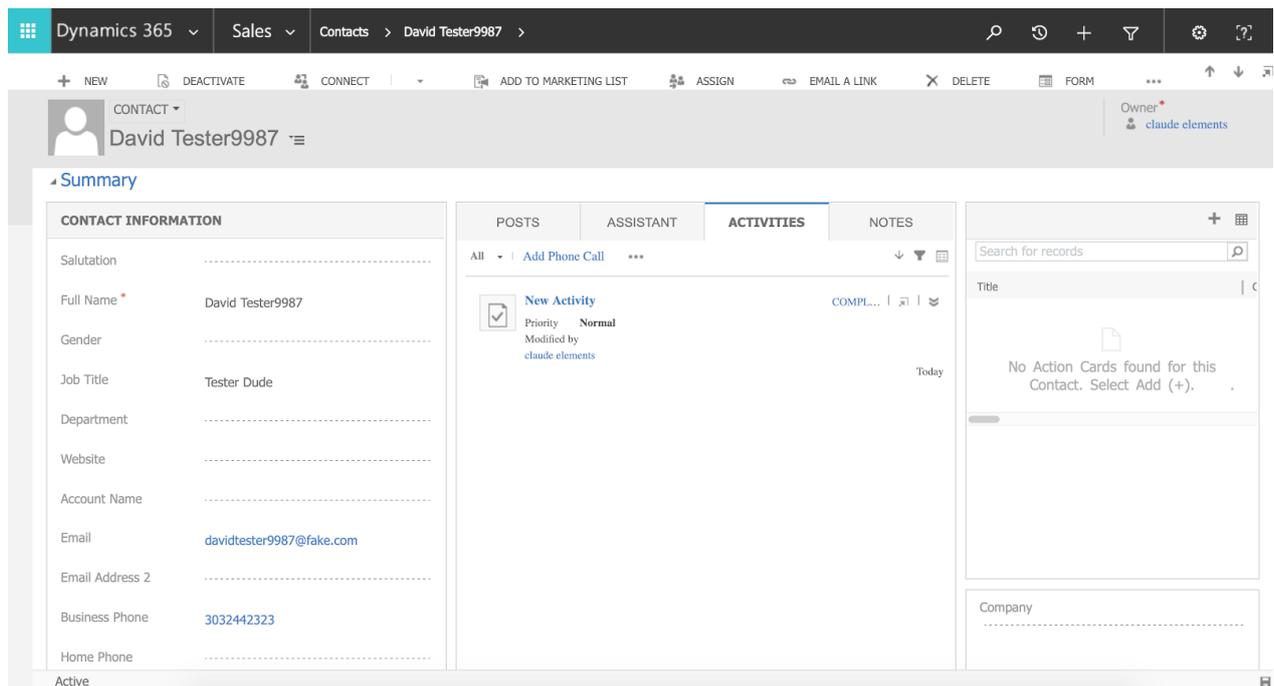
Img 1 - A Task (which is a type of Activity) attached to a Contact

In Cloud Elements, you can create this Task using the Swagger on the Microsoft Dynamics Element Instance.

tasks

POST	/tasks	Create a new task in the CRM system. Task creation will flow through Cloud Elements to your CRM service. With the exception of the 'id' field, the required fields indicated in the 'Task' model are those required to create a new task.
GET	/tasks	Find tasks 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.
PATCH	/tasks/{taskId}	Update an task associated with the given task ID in the CRM system. Updating an task with a specified task ID that does not exist will result in an error response.
GET	/tasks/{taskId}	Retrieve an task associated with a given ID from the CRM system.Specifying a task ID that does not exist will result in an error response.
DELETE	/tasks/{taskId}	Delete a task given task ID from the CRM system. Task ID that does not exist will result in an error message.

If you would like this Task to be attached to an Account, or a Contact (or another object that allows Tasks to be attached to it), the minimum Task create body looks like this:

```
{
```

```
  "fetchMetaInfo": true,
```

```json
"attributes": {

  "regardingobjectid": {

    "id": "41xxxxxx-bxx9-exx1-axx9-00xxxxxxxxxa4",

    "lookup": "contact"

  },

  "subject": "newest task"

}

}
```

To create a Case attached to an object, the body is a little different. Here is the payload for creating a Case on an Account object. You can change the name of the object in the lookup value.

```json
{
```

```json
"attributes": {

    "title": "New Case",

    "description": "description here",

    "customerid": {

        "id": "7xxxxxxxxd-cxx6-exx1-axxx2-00xxxxxxxxdd",

        "lookup": "account"

    }

},

"fetchMetaInfo": true

}
```