



## User Manual

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## Introduction

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Click2Clone is a Microsoft Dynamics 365 Customer Engagement productivity app, which helps to create new records quickly by copying data from an existing record, thereby, saving the time of data entry especially when repetitive records need to be created with the same data.

With Click2Clone, we have made the **‘Clone’** feature available for most entities in the latest versions of Microsoft Dynamics CRM.

### Salient Features

- Offers the ability to clone system as well as custom entities.
- Easy to configure with the ability to select the fields that need to be cloned.
- Easy shortcuts for cloning in case of having multiple templates for a particular entity.
- Allows to carry over related records from 1:N and N:N custom relationships.
- Ability to clone records through workflow and also update values of the new cloned record further.
- Ability to configure Prefix & Suffix for cloned records.
- Hierarchical relationship cloning supported.
- Clone multiple records at a time.
- Set references of the source record on the cloned record and vice versa.
- Clone details along with relationships of the records from one entity to another entity.
- Copy only related records from another record.
- Set Rules to select records for cloning.
- Support to create multiple copies of any given record

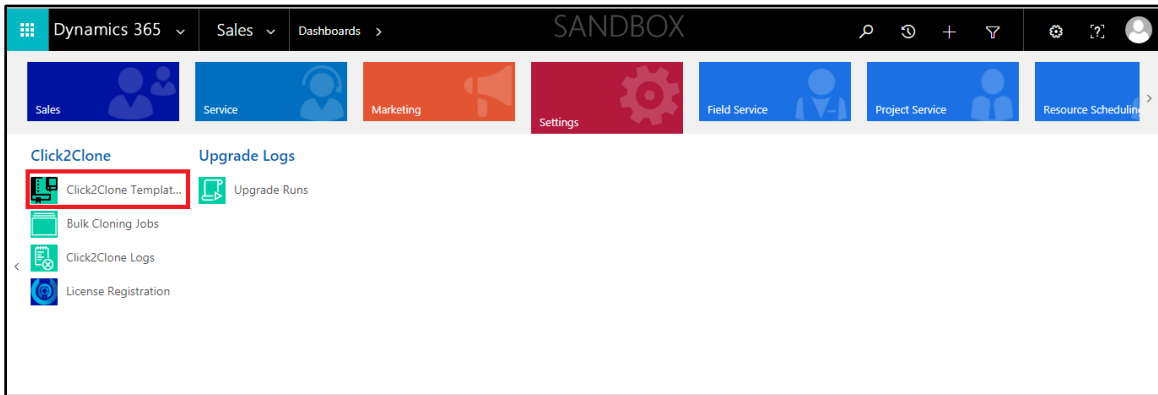
### Available For:-

**Versions:** Dynamics 365 8.2 & above, Power Apps and CDS.

**Deployment:** On-Premises and Online.

## Creating a Click2Clone Template

1. Navigate to **'Settings'** and then click **'Click2Clone Template'** entity in the sitemap. Next, click **'New'** to create the Click2Clone template.



2. Fill the details in the template. Enter the **'Name', 'Source Entity Name'** in **Source & Target Entity Details** section. In addition, the user have the option to configure the **'Prefix'** and **'Suffix'** in the template to be added on the cloned records.

**Note:** If you are cloning record for same entity then only **'Source Entity Name'** needs to be selected. **'Target entity'** should be kept blank.

- The name of the template must be unique and should not match with the names of the already existing template records in the CRM.
- The entity for which the template needs to be created should be present in the CRM.
- **'Entity Schema Name'** needs to be entered in **'Source Entity Name'** field.

3. After filling all details, click **'Save'** to save the template as shown below.

 A screenshot of the 'New Click2Clone Template' form in Dynamics 365. The form has a header 'CLICK2CLONE TEMPLATE' and 'New Click2Clone Template'. The 'General' tab is selected. It contains two main sections: 'Source & Target Entity Details' and 'Configuration'.
 

Source & Target Entity Details		Configuration
Name *	Order Template	Prefix
Source Entity Name *	salesorder	Suffix
Target Entity		-Copy

4. By default, all the attributes in the grid are checked, and relationships are unchecked. The user need to select the attributes and the relationships which need to be cloned and then click on **'Save'** button provided on the grid.

Attributes			Relationships		
Schema Name	Logical Name	Type	Schema Name	Relationship Type	
<input checked="" type="checkbox"/>	LastBackOfficeSubmit	DateTime	<input type="checkbox"/>	salesorder_ikl_saveroutes	OneToManyRelationship
<input checked="" type="checkbox"/>	SLAId	Lookup	<input type="checkbox"/>	SalesOrder_Appointments	OneToManyRelationship
<input checked="" type="checkbox"/>	BillTo_Line1	String	<input type="checkbox"/>	SalesOrder_Emails	OneToManyRelationship
<input checked="" type="checkbox"/>	SubmitStatusDescription	Memo	<input type="checkbox"/>	SalesOrder_Faxes	OneToManyRelationship
<input checked="" type="checkbox"/>	BillTo_Line2	String	<input type="checkbox"/>	SalesOrder_Letters	OneToManyRelationship
<input checked="" type="checkbox"/>	QuoteId	Lookup	<input type="checkbox"/>	SalesOrder_Phonecalls	OneToManyRelationship
<input checked="" type="checkbox"/>	ShipTo_Country	String	<input type="checkbox"/>	SalesOrder_Tasks	OneToManyRelationship
<input checked="" type="checkbox"/>	SubmitDate	DateTime	<input type="checkbox"/>	SalesOrder_Annotation	OneToManyRelationship
<input checked="" type="checkbox"/>	PaymentTermsCode	Picklist	<input type="checkbox"/>	SalesOrder_ServiceAppointments	OneToManyRelationship

5. Next is the Child Template section. If user want to clone the child records and particular fields in child record then user can add the required Child Template for the purpose of cloning related records. If there are more than one template added in the Child Template section, then by default that many times the child records specified in each template will be cloned. Hence, the user need to ensure that only one template per entity is created and then click on **Save**.

#### Steps to Create Child Template:

**Step 1:** Select child relationship for which you want to clone records. For example, you want to clone order products as well. Select 'order\_details' relationship and then click on save button.

Schema Name	Relationship Type
<input type="checkbox"/> msdyn_salesorder_msdyn_orderlinetransaction	OneToManyRelationship
<input type="checkbox"/> msdyn_salesorder_msdyn_orderpricelist_Contr	OneToManyRelationship
<input type="checkbox"/> msdyn_salesorder_msdyn_project_salesorderic	OneToManyRelationship
<input checked="" type="checkbox"/> order_details	OneToManyRelationship
<input type="checkbox"/> order_invoices	OneToManyRelationship
<input type="checkbox"/> salesorder_activity_parties	OneToManyRelationship
<input type="checkbox"/> salesorder_connections1	OneToManyRelationship
<input type="checkbox"/> salesorder_connections2	OneToManyRelationship
<input type="checkbox"/> salesorder_msdyn_approvals	OneToManyRelationship

**Step 2:** Create Child template for selected relationship records and then select desired fields and relationships to be cloned.


**Order Template**  
Click2Clone Template

Eddy Moore  
Owner

General Attribute/Relationships to Clone Advanced Configuration **Child Template** Related

Child Template

+ New Click2Clone Temp... ⋮

✓ Name	↑	Entity Name	Target Entity Name	Created On
 No data available.				

**Order Line Template**  
Click2Clone Template

**General** Attribute/Relationships to Clone Advanced Configuration Child Template

Source & Target Entity Details

🔒 Name \* **Order Line Template**

🔒 Source Entity Name \*

🔒 Target Entity Name --Select--

6. The created template will then get displayed in 'Active Click2Clone Templates'.

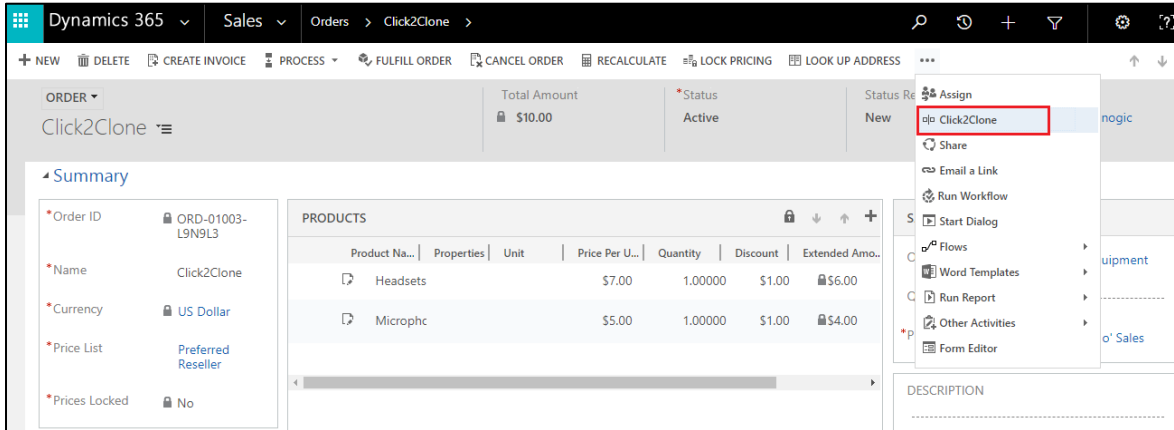
Dynamics 365 Settings Click2Clone Templates

+ NEW DELETE EMAIL A LINK FLOWS RUN REPORT EXCEL TEMPLATES EXPORT TO EXCEL IMPORT DATA CHART PANE

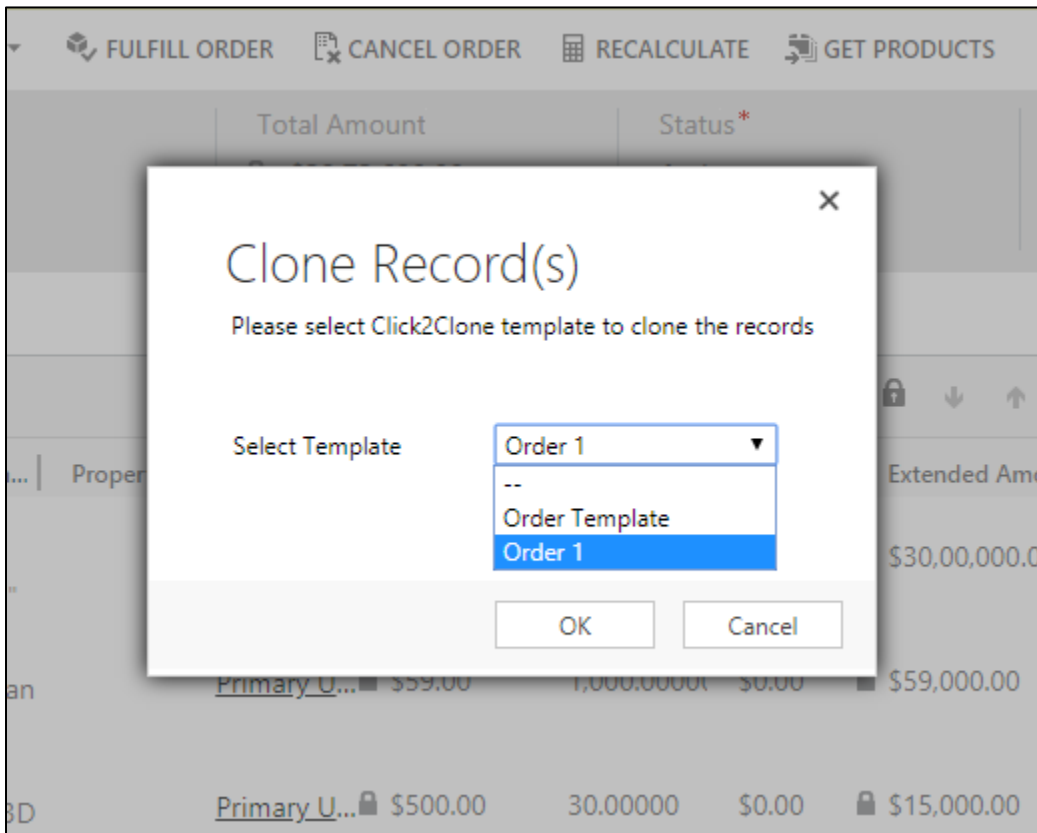
Active Click2Clone Templates Search for records

<input type="checkbox"/>	Name ↑	Entity Name	Target Entity	Created On
	Account	account		5/28/2018 11:46 ...
	Opportunity	opportunity		5/26/2018 4:21 PM
	Opportunity to Project Template	opportunity	msdyn_project	5/26/2018 3:50 PM
	Order & Invoice products	product	product	5/28/2018 3:55 PM
	<b>Order Template</b>	salesorder		<b>5/28/2018 4:09 PM</b>
	Order to Invoice	salesorder	invoice	5/28/2018 12:57 P...

- Once you create the template and wants to clone the record, you will have to click on Click2Clone button that is present on the selected entity record. After clicking on Click2Clone button the new cloned record is created in case you have only one template for selected entity.



- If you have the multiple templates for single entity then you will get the pop up window where you need to select the template as shown below.



## Set References for Source Record and Cloned Record

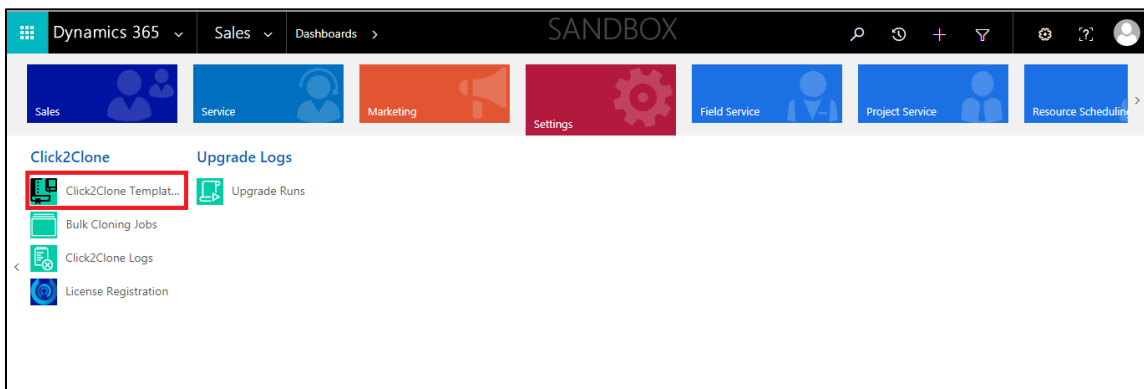
Users can set the reference of the newly created record on the source record and vice versa with the help of Set References feature. Users can update the required data in the cloned record with the help of set references using workflow. Using Set References users can identify the source record from which the cloned record was created and vice versa. For e.g. In case there are multiple records of an entity with the same name then it is possible for the user to define the source and target references of the record with the help of Set References feature.

- **Source Entity Field** will set the target (cloned) reference of the selected record after cloning. The users need to enter the logical name of the field for which they would like to set the target reference.
- **Target Entity Field** will set the source (parent) reference of the selected record after cloning. The users need to enter the logical name of the field for which they would like to set the source reference.

**Note:**

- You need to use **'Lookup'** datatype fields
- The source and target entity fields can be OOB or custom
- The source and target entity fields are optional. Users can select both or any of them as per their needs

1. To set the references navigate to **Settings > Click2Clone Templates**. Select the Click2Clone Template created for Order entity.



2. To set the references enter the source and target entity fields in the Click2Clone template.



**Set References**

Source Entity Field: new\_clonedorder      Target Entity Field: new\_parentorder

**Attributes/Relationships To Clone**

Attributes	Relationships																				
<table border="1"> <thead> <tr> <th>Schema Name</th> <th>Logical Name</th> <th>Type</th> </tr> </thead> <tbody> <tr><td><input checked="" type="checkbox"/> BillTo_City</td><td>billto_city</td><td>String</td></tr> <tr><td><input checked="" type="checkbox"/> BillTo_ContactName</td><td>billto_contactname</td><td>String</td></tr> <tr><td><input checked="" type="checkbox"/> BillTo_Country</td><td>billto_country</td><td>String</td></tr> </tbody> </table>	Schema Name	Logical Name	Type	<input checked="" type="checkbox"/> BillTo_City	billto_city	String	<input checked="" type="checkbox"/> BillTo_ContactName	billto_contactname	String	<input checked="" type="checkbox"/> BillTo_Country	billto_country	String	<table border="1"> <thead> <tr> <th>Schema Name</th> <th>Relationship Type</th> </tr> </thead> <tbody> <tr><td><input type="checkbox"/> bpf_salesorder_OpportunitySalesProcess</td><td>OneToManyRelationship</td></tr> <tr><td><input type="checkbox"/> contactorders_association</td><td>ManyToManyRelationship</td></tr> <tr><td><input type="checkbox"/> ikd_salesorder_ikd_linkjob_SalesOrder</td><td>OneToManyRelationship</td></tr> </tbody> </table>	Schema Name	Relationship Type	<input type="checkbox"/> bpf_salesorder_OpportunitySalesProcess	OneToManyRelationship	<input type="checkbox"/> contactorders_association	ManyToManyRelationship	<input type="checkbox"/> ikd_salesorder_ikd_linkjob_SalesOrder	OneToManyRelationship
Schema Name	Logical Name	Type																			
<input checked="" type="checkbox"/> BillTo_City	billto_city	String																			
<input checked="" type="checkbox"/> BillTo_ContactName	billto_contactname	String																			
<input checked="" type="checkbox"/> BillTo_Country	billto_country	String																			
Schema Name	Relationship Type																				
<input type="checkbox"/> bpf_salesorder_OpportunitySalesProcess	OneToManyRelationship																				
<input type="checkbox"/> contactorders_association	ManyToManyRelationship																				
<input type="checkbox"/> ikd_salesorder_ikd_linkjob_SalesOrder	OneToManyRelationship																				

3. When user clones the record after source and target reference field are set, the Parent Order and Cloned Order fields are set with source and target references respectively.

NEW PROMOTE DELETE MAP CREATE INVOICE PROCESS FULFILL ORDER CANCEL ORDER RECALCULATE

ORDER: New Desktop Copy      Total Amount: £17,850.00      Status: Active      Status Reason: New      Owner: sam inogic

**Summary**

<p>Order ID: ORD-01013-Y8J8H4</p> <p>Name: New Desktop Copy</p> <p>Currency: Pound Sterling</p> <p>Price List: Default Price List</p> <p>Prices Locked: No</p> <p>Parent Order: Desktop</p> <p>Cloned Order: New New Desktop Copy</p>	<p><b>PRODUCTS</b></p> <table border="1"> <thead> <tr> <th>Product Na...</th> <th>Properties</th> <th>Unit</th> <th>Price Per U...</th> <th>Quantity</th> <th>Discount</th> <th>Extended Amo...</th> <th>Sub</th> </tr> </thead> <tbody> <tr> <td>Mouse</td> <td></td> <td></td> <td>£2,000.00</td> <td>1.00000</td> <td>£0.00</td> <td>£2,100.00</td> <td></td> </tr> <tr> <td>Monitor</td> <td></td> <td></td> <td>£15,000.00</td> <td>1.00000</td> <td>£0.00</td> <td>£15,750.00</td> <td></td> </tr> </tbody> </table>	Product Na...	Properties	Unit	Price Per U...	Quantity	Discount	Extended Amo...	Sub	Mouse			£2,000.00	1.00000	£0.00	£2,100.00		Monitor			£15,000.00	1.00000	£0.00	£15,750.00		<p><b>SALES INFORMATION</b></p> <p>Opportunity: 4G Enabled Tablets</p> <p>Quote: Quote for Cooling fan</p> <p>Potential Customer: WU (WOODY) CHEN &amp; SONS - Copy</p> <p><b>DESCRIPTION</b></p>
Product Na...	Properties	Unit	Price Per U...	Quantity	Discount	Extended Amo...	Sub																			
Mouse			£2,000.00	1.00000	£0.00	£2,100.00																				
Monitor			£15,000.00	1.00000	£0.00	£15,750.00																				

**SHIPPING DATES**

Requested Delivery: 18/04/2018

Date Fulfilled:

Detail Amount: £17,000.00

(-) Discount (%):

(-) Discount:

Pre-Freight Amount: £17,000.00

(+) Freight Amount:

Active

## Set Rules for Selecting Records

Users can set rules for selecting records for the purpose of cloning with the help of Rule Mode. For example - Previously while cloning, if there are 10 line items in a record then all 10 of them were cloned. But now, if the user needs only 5 of those line items then only that particular line items will be cloned depending upon the selected Rule Mode.

There are two types of Rule Mode – Simple and Advanced.

1. **Simple Rule Mode:** Select necessary records for cloning based on the View of an entity.

Set Rules for Selecting Records

Rule Mode

Simple

View \*

--Select--  
My Orders  
My Sales Contracts  
All Orders

2. **Advanced Rule Mode:** Select records for cloning based on filter criteria or conditions (conditions defined in Fetch XML)

Set Rules for Selecting Records

Rule Mode

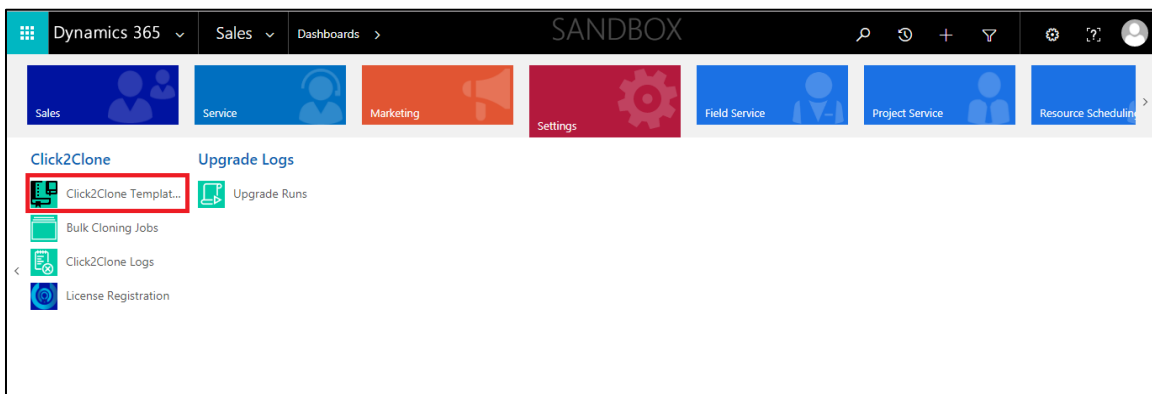
Advanced

Fetch XML \*

<fetch version="1.0" output-format="xml-platform"

## Clone records details along with the relationship from one entity to another entity

1. Click2Clone until now supported the self-cloning i.e. creating a copy of the same entity record. Click2Clone now supports the feature of cloning the details from one entity to another entity record. For this user needs to set the **Target Entity Name** field in the Click2Clone template. For that navigate to **Settings > Click2Clone Templates**



2. Let's take an example of cloning the record of **Opportunity** entity to **Project** entity and in Click2Clone template set the Target Entity Name as Project.

opportunity to project template

General

Source & Target Entity Details		Configuration
Name *	opportunity to project template	Prefix
Source Entity Name *	opportunity	Suffix
Target Entity	msdyn_project	- Copy

Set Lookup References

3. After defining the Target Entity Name, the user needs to map the Source entity attributes with the Target entity attributes in the Fields Mapping section on the template and click on **'Save'** button of the grid. The target entity attributes will be displayed in option set with the same data type as that of the source entity attributes.

Attributes

Schema Name	Type	Target Schema Name
ActualCloseDate	DateTime	msdyn_actualend
ActualValue	Money	msdyn_actuallaborcost_Base
BudgetAmount	Money	msdyn_plannedexpensecost
BudgetStatus	Picklist	msdyn_CostPerformance
CampaignId	Lookup	
CaptureProposalFeedback	Boolean	msdyn_istemplate
CloseProbability	Integer	ImportSequenceNumber
CompleteFinalProposal	Boolean	

Page 1 of 4

4. Now user can also clone the relationships from one entity to another entity. For that user needs to create child template. With the help of this child template the user can clone relationships i.e. child records can be cloned from one entity to another entity record.
- For e.g. In Opportunity to Project – When the user creates the Child template for email relationship user will be able to clone the Emails from Opportunity record to Project record.

## Click2Clone–User Manual

Child Template			
Child Template			
Name ↑	Entity Name	Target Entity	Created On
Opportunity Email to Project Email	email	email	5/26/2018 3:1...

CLICK2CLONE TEMPLATE

Opportunity email to Project email

General

Source & Target Entity Details

Name \*

Opportunity email to Project email

Source Entity Name \*

email

Target Entity \*

email

Source Entity Relationship

Opportunity\_Emails

Target Entity Relationship

new\_msdyn\_project\_email

Configuration

Prefix

Suffix

Fields Mapping

Attributes

Schema Name

Type

Target Schema Name

ActivityAdditionalParams

Memo

- Once the user defines the template for cloning records from one entity to another entity along with the relationships and click on Click2Clone button, the source entity record gets cloned and new record of target entity is created along with the selected child records.

**Selected Opportunity with an Email activity:**

## Click2Clone–User Manual

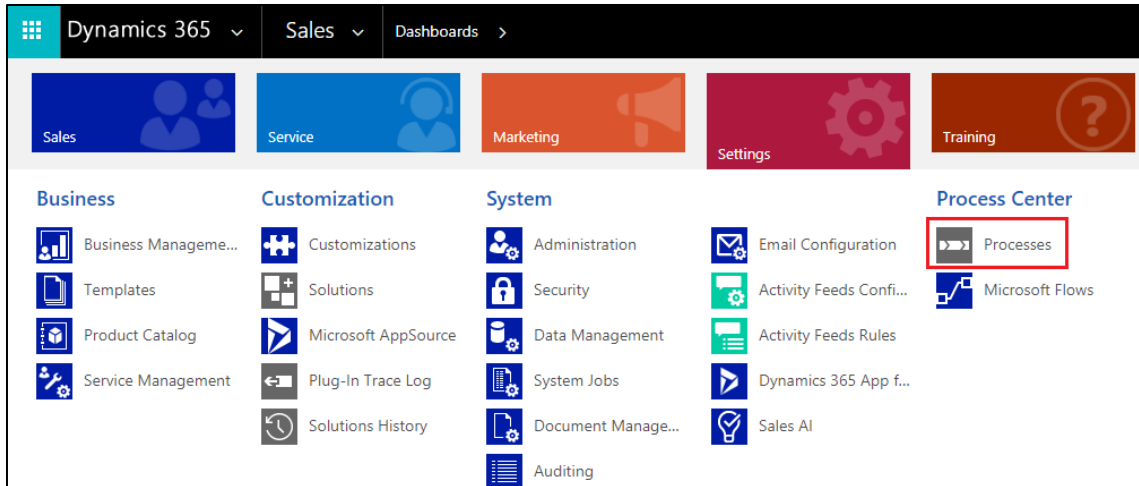
This screenshot shows the Dynamics 365 interface for an Opportunity record titled 'Audio Equipment'. The top navigation bar includes 'Dynamics 365', 'Sales', and 'Opportunities > Audio Equipment'. The main header displays key metrics: 'Est. Close Date' (4/20/2017), 'Est. Revenue' (\$8,710,785.00), 'Probability' (60), and 'Owner' (sam inogic). Below this, a process flow shows stages: 'Qualify' (completed), 'Develop' (completed), 'Propose (Active for 6 days, 23 hours)', and 'Close'. The 'Propose' stage is currently active. A table below the stages lists tasks: 'Identify Sales Team' (mark complete), 'Develop Proposal' (mark complete), and 'Complete Internal R...' (mark complete). The 'Opportunity Sales Process' is also shown as active. The bottom section contains a 'Topic' (Audio Equipment), 'Account' (Wide World Importers), 'Currency' (US Dollar), and a 'Description' field. On the right, the 'Opportunity Contact' section shows 'Full Name' (Ivan Komashinsky) and 'Business Phone' (012-156-8762). A red box highlights an email activity in the 'ACTIVITIES' tab, showing an email from 'sam inogic' with the subject 'Regarding set up and configuration of Audio Equipment' sent 'Today'.

### Cloned Project with Email activity present on Opportunity:

This screenshot shows the Dynamics 365 interface for a Project Service record titled 'Audio Equipment - Copy'. The top navigation bar includes 'Dynamics 365', 'Project Service', and 'Projects > Audio Equipment - C...'. The main header displays key metrics: 'Due Date', 'Estimated Labor Cost', 'Cost Consumption %', and 'Progress %' (0.00). Below this, a process flow shows stages: 'New (Active for...)', 'Quote', 'Plan', 'Deliver', 'Complete', and 'Close'. The 'New' stage is currently active. A table below the stages lists tasks: 'Name' (Audio Equipment - Copy), 'Description' (Cloned from Opportunity), 'Customer', 'Calendar template' (Default Work Template), and 'Currency' (US Dollar). The 'Activity Type' section shows a table with 'Email' and 'Regarding set up and configurati...'. A red box highlights this email activity. The bottom section contains fields for 'Actual Start', 'Actual End', 'Actual Hours' (0.00), 'Actual Labor Cost', and 'Actual Expense Cost'.

## Creating Click2Clone Workflow

1. Click2Clone now supports cloning with workflows. To create a workflow, navigate to **Settings > Processes** and click on **'New'** to create a new workflow.



2. Enter the '**Process Name**', select the '**Category**' as '**Workflow**' and '**Entity**' for which you want to create this workflow. Click on '**OK**'.

### Create Process

Define a new process, or create one from an existing template. You can create four kinds of processes: business process flows, actions, dialogs, and workflows.

Process name: \*

Category: \*

Workflow ▼

Entity: \*

Order ▼

☒ Run this workflow in the background (recommended)

Type:

☒ New blank process
 ☐ New process from an existing template (select from list):

Template Name ↑	Primary Entity	Owner
<div> <div></div> <div></div> </div>		

Properties

OK

Cancel

3. Here you can select whether you want the Workflow to be On Demand or trigger on a change.

## Click2Clone–User Manual

The screenshot shows the 'General' tab of the Click2Clone configuration window. The 'Process Name' is 'Click2Clone'. 'Activate As' is set to 'Process'. Under 'Workflow Job Retention', 'Automatically delete completed workflow jobs (to save disk space)' is checked. On the right, 'Entity' is 'Order' and 'Category' is 'Workflow'. Under 'Options for Automatic Processes', 'Scope' is 'Organization'. The 'Start when' section has several unchecked options: 'Record is created', 'Record status changes', 'Record is assigned', 'Record fields change', and 'Record is deleted'. A 'Select' button is next to 'Record fields change'. At the bottom, there are buttons for 'Add Step', 'Insert', and 'Delete this step', along with a prompt to 'Select this row and click Add Step.'

4. Click2Clone ships with workflow assemblies namely '**Inogic.Click2Clone.Automation**'
5. Click on '**Add Step**', and click on '**Inogic.Click2Clone.Automation**' you will see '**Inogic.Click2Clone.Automation.CloneRecords**'. With this assembly user can clone large number of related records for example, order with more than thousand line items.

This screenshot shows the same configuration window as above, but with the 'Add Step' dropdown menu open. The dropdown lists various assemblies, and 'Inogic.Click2Clone.Automation.CloneRecords' is highlighted. Other visible assemblies include 'Time Entries', 'RoleUtilization', 'User Profile', 'Inogic.Click2Clone.Automation (1.0.0.0)', 'Approvals', 'GetMyChangedSkills', 'Dates', 'Bookable Resources', 'Export Workflow', 'Team member position accept', and 'Microsoft.Dynamics.Marketing.Workflows (9...'. The background configuration remains the same as in the previous screenshot.

6. After you select this assembly click on '**Set Properties**' for '**Inogic.Click2Clone.Automation.CloneRecords**'.

## Click2Clone–User Manual

Set Custom Step Input Properties - Microsoft Dynamics 365 - Mozilla Firefox

https://ferr1.crm8.dynamics.com/SFA/Workflow/customactivityform.aspx?workflowid=29810d5b-6adb-462: ...

File Save and Close Help

Process: Click2Clone

**Set Custom Step Input Properties**

Working on solution: Default Solution

Property Name	Data Type	Required	Value
Click2Clone Template	Lookup	Required	Order Template
Number of Copies to be Created	Whole Number	Optional	

**Form Assistant**

Dynamic Values

Dynamic Values

**Operator:**

Set to

Look for:

Order

Add

Default value:

OK

To see workflow status, navigate to settings → Click2Clone group → Bulk Cloning job

Dynamics 365 Settings Bulk Cloning Jobs

SANDBOX

Apps for Dynamics 365 View Dynamics 365 information on the go with apps for your phone, tablet, Outlook, and more! Get Apps for Dynamics 365

+ NEW DELETE EMAIL A LINK FLOW RUN REPORT EXCEL TEMPLATES EXPORT TO EXCEL IMPORT DATA CHART PANE

Active Bulk Cloning Jobs Search for records

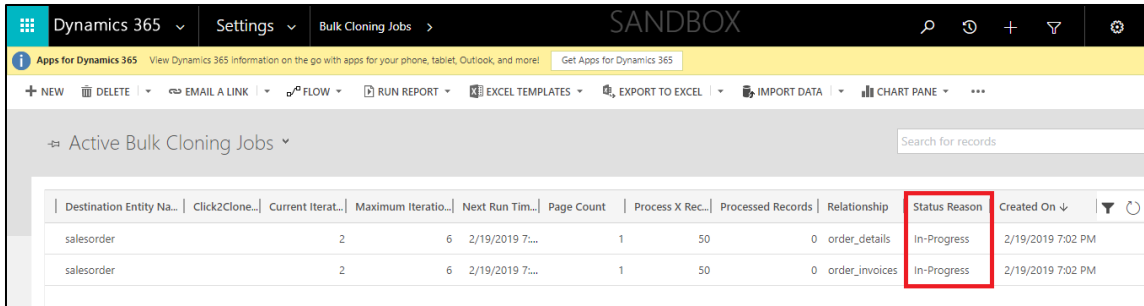
Name	Source Entity Name	Destination Entity Na...	Click2Clone Template	Current Iterat...	Maximum Iteratio...	Next Run Tim...	Page Count
salesorder - order_details	salesorder	salesorder			6		1
salesorder - order_invoices	salesorder	salesorder			6		1

Charts

It will show status of the cloning jobs as seen in the screenshot below.



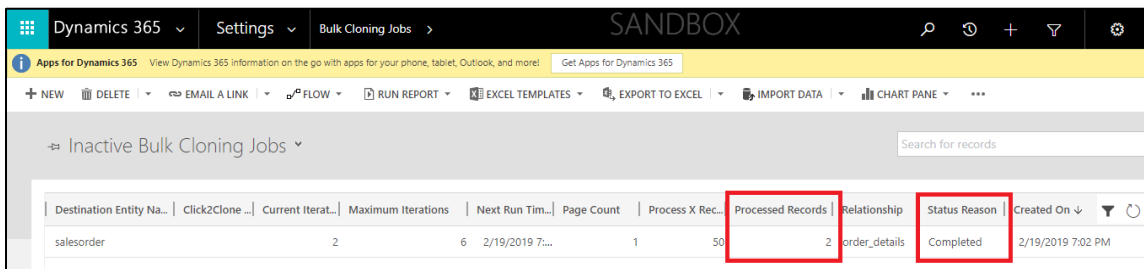
## Click2Clone–User Manual



The screenshot shows the 'Active Bulk Cloning Jobs' section in Dynamics 365. The table lists two jobs for 'salesorder' with status 'In-Progress'.

Destination Entity Na...	Click2Clone...	Current Iterat...	Maximum Iteratio...	Next Run Tim...	Page Count	Process X Rec...	Processed Records	Relationship	Status Reason	Created On
salesorder		2	6	2/19/2019 7:...	1	50	0	order_details	In-Progress	2/19/2019 7:02 PM
salesorder		2	6	2/19/2019 7:...	1	50	0	order_invoices	In-Progress	2/19/2019 7:02 PM

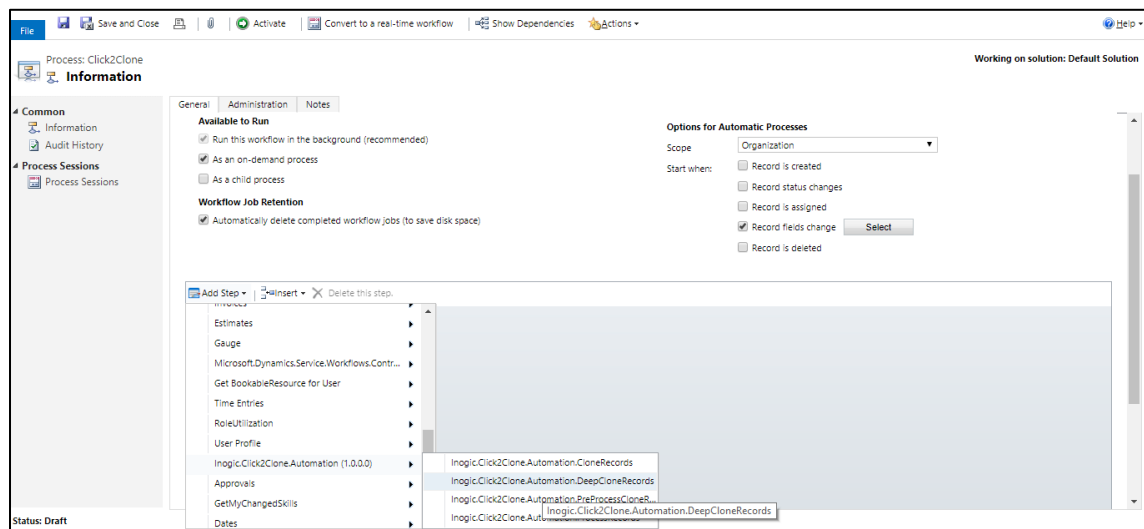
Once completed it will show Status as completed in “Inactive Bulk Cloning Jobs”



The screenshot shows the 'Inactive Bulk Cloning Jobs' section in Dynamics 365. The table lists one job for 'salesorder' with status 'Completed'.

Destination Entity Na...	Click2Clone...	Current Iterat...	Maximum Iterations	Next Run Tim...	Page Count	Process X Rec...	Processed Records	Relationship	Status Reason	Created On
salesorder		2	6	2/19/2019 7:...	1	50	2	order_details	Completed	2/19/2019 7:02 PM

- With the Second assembly **'Inogic.Click2Clone.Automation.DeepCloneRecords'** user can deep clone related records for example, Order with Order line items along with Invoice and Invoice line items.



- After you select this assembly, click on **'Set Properties'** for **'Inogic.Click2Clone.Automation.DeepCloneRecords'**. Then select the **'Click2Clone Template'** for the Entity for which the workflow is created and click on **'Save and Close'**.

Property Name	Data Type	Required	Value
Click2Clone Template	Lookup	Required	Order Template
Number of Copies to be Created	Whole Number	Optional	

9. Now **'Save'** and then **'Activate'** the process.
10. You can now see the workflow in **'My Processes'**.

Process Name	Category	Primary Entity	Status	Created On	Modified On
Call workflow clone One to Another entity	Action		Activated	2/19/2019 2:...	2/19/2019 5:...
CancelBookings	Action		Activated	2/15/2019 11:...	2/15/2019 11:...
Case to Work Order Business Process	Business Process Flow	Case	Activated	2/15/2019 11:...	2/16/2019 12:...
ChangeRequestStatus	Action		Activated	2/15/2019 11:...	2/15/2019 11:...
Click2Clone	Workflow	Order	Activated	2/19/2019 6:...	2/19/2019 6:...

11. Users can also do needful updates in the cloned record. With the help of workflow, the user can access the cloned record for further operations. Thus, the users can update the cloned record. For this users need to add a new step as Update and select the related entity. i.e. The display name of the source entity field value that is defined in the Set References section of respective Click2Clone Template.

The screenshot displays the PowerApps interface for configuring a process. The top bar shows the 'PowerApps' logo and a menu with options like 'File', 'Save and Close', 'Activate', 'Convert to a real-time workflow', 'Show Dependencies', 'Solution Layers', and 'Actions'. The main area is titled 'Process: Opportunity Deep Clone' and includes a 'Working on solution: Default' status. The left sidebar has a 'Common' section with 'Information' and 'Audit History', and a 'Process Sessions' section with 'Process Sessions'. The main content area has tabs for 'General', 'Administration', and 'Notes'. Under the 'General' tab, there are sections for 'Hide Process Properties', 'Available to Run', 'Workflow Job Retention', and 'Options for Automatic Processes'. The 'Hide Process Properties' section includes fields for 'Process Name' (Opportunity Deep Clone), 'Entity' (Opportunity), and 'Category' (Workflow). The 'Available to Run' section has checkboxes for 'Run this workflow in the background (recommended)', 'As an on-demand process', and 'As a child process'. The 'Workflow Job Retention' section has a checkbox for 'Automatically delete completed workflow jobs (to save disk space)'. The 'Options for Automatic Processes' section has a 'Scope' dropdown (Organization) and checkboxes for 'Record is created', 'Record status changes', 'Record is assigned', 'Record fields change', and 'Record is deleted'. The bottom section shows a list of steps with a 'Wait for 1 min' step highlighted by a red box. The 'Update' field for the 'Update newly created opportunity' step is set to 'Cloned Opportunity' and is also highlighted by a red box.

---

## Assigning Click2Clone Security Roles

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Two new security roles, particularly for Click2Clone, come along with the solution.

1. **Click2Clone Administrator** – The Click2Clone Administrator is given the privilege to either create or modify the Click2Clone template.
2. **Click2Clone User** – Click2Clone User can clone records other than the Click2Clone Administrator. The user with Click2Clone user security role cannot create a template but can use it.

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## Click2Clone Business Scenarios

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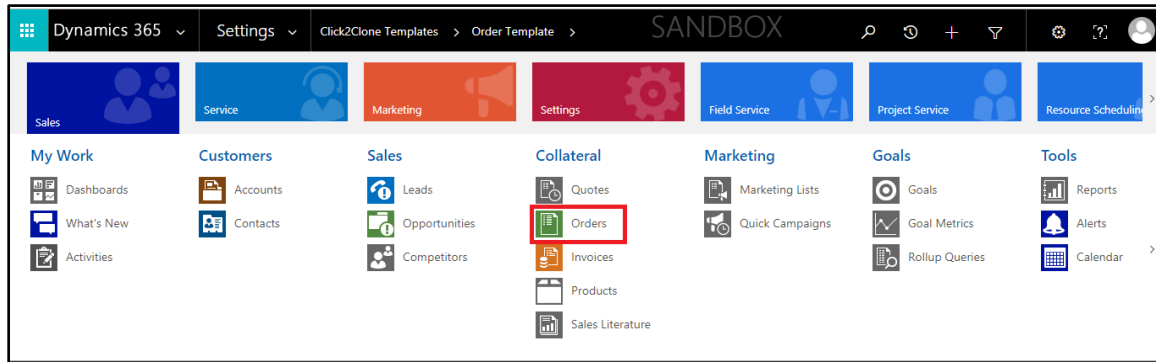
This one-click option can be used for different purposes.

- For a single record form.
- For a single record from the home page.
- For multiple records from the home page.

## Click2Clone for a Single Record Form

Let us consider **'Sales'** as the group/area and **'Orders'** as the entity in the group.

1. Navigate to **'Main' -> 'Sales' -> 'Orders'**



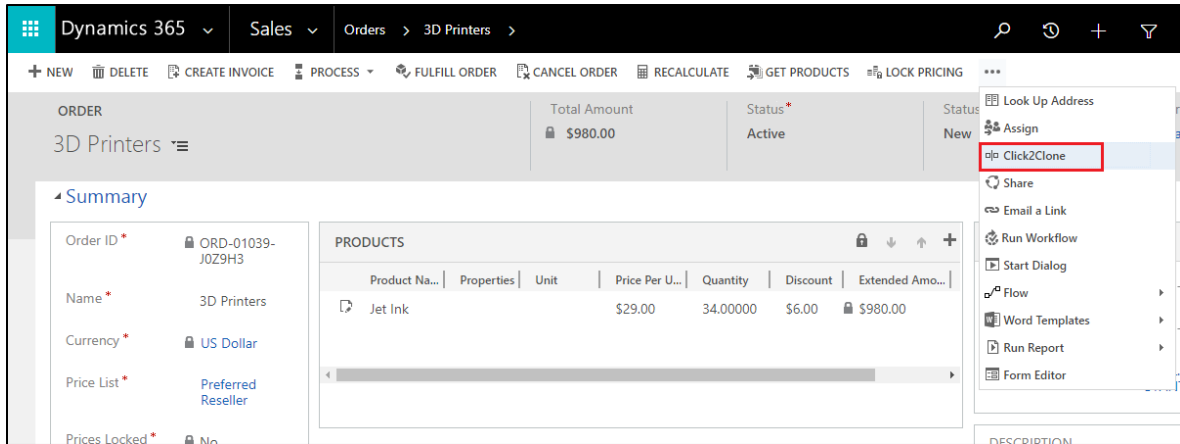
2. Select any view from the drop down list. Here, **'My Orders'** has been selected.

My Orders ▾

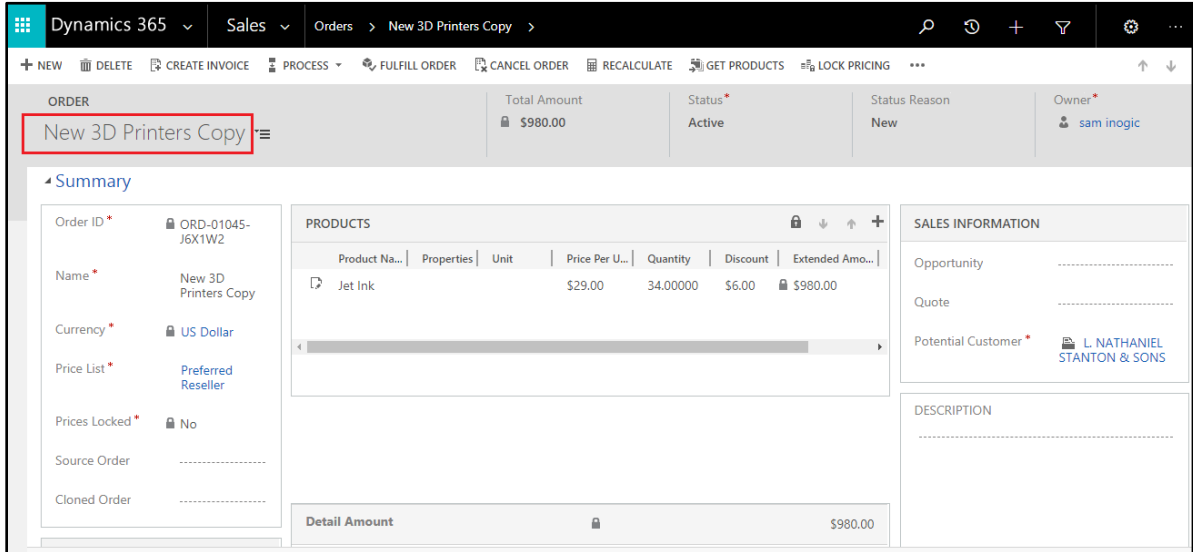
<input type="checkbox"/>	Name ↑	Status Reason	Total Amount	Customer	Email (Customer)
	3D Printers	New	\$980.00	L. NATHANIEL STANT...	
	Desktop	New	\$1,950.00	A. DUBRAVKA ANTIC ...	
	Headset	New	\$750.00	A. IDA GALEA & SONS	
	Laptop	New	\$2,100.00	A. IDA GALEA & SONS	
	Mouse	New	\$800.00	R. ASHER HERSHKOWI...	
	Watch Accessories	New	\$793.00	A. ALEXANDRA HERRE...	

3. Once the user selects and opens the record to be cloned, the **'Click2Clone'** option is available for cloning as shown in the screenshot below.

## Click2Clone–User Manual



4. Once the record is cloned, its copy gets displayed on the screen. Alternatively you can clone the record using a workflow using 'Run Workflow'.

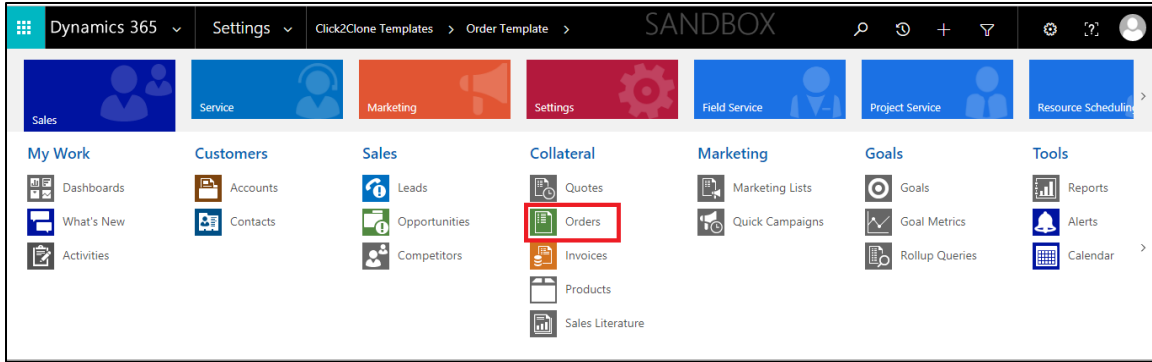


## Click2Clone for a Single Record from the Home Page

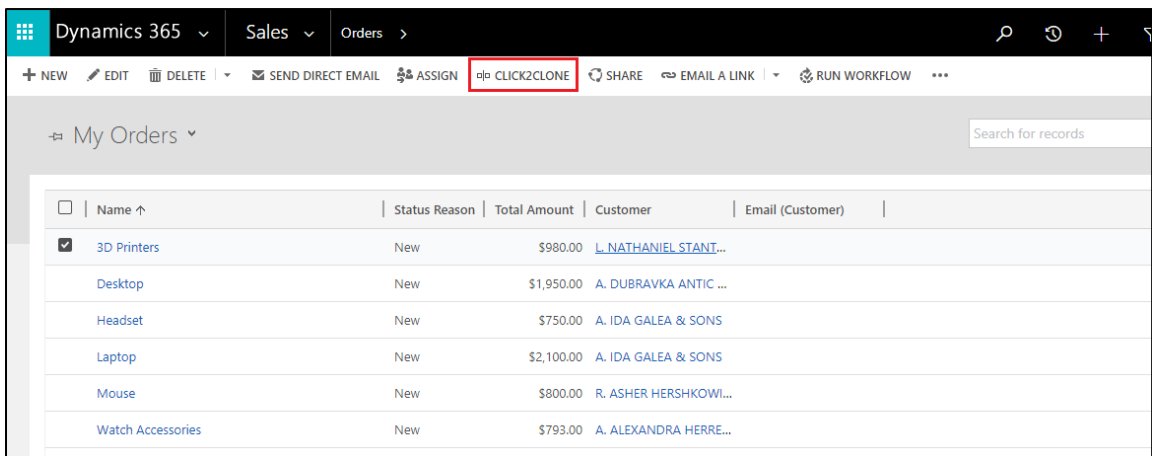
Consider 'Sales' as the area/group and 'Orders' as the entity.

1. Navigate to 'Main' -> 'Sales' -> 'Orders'

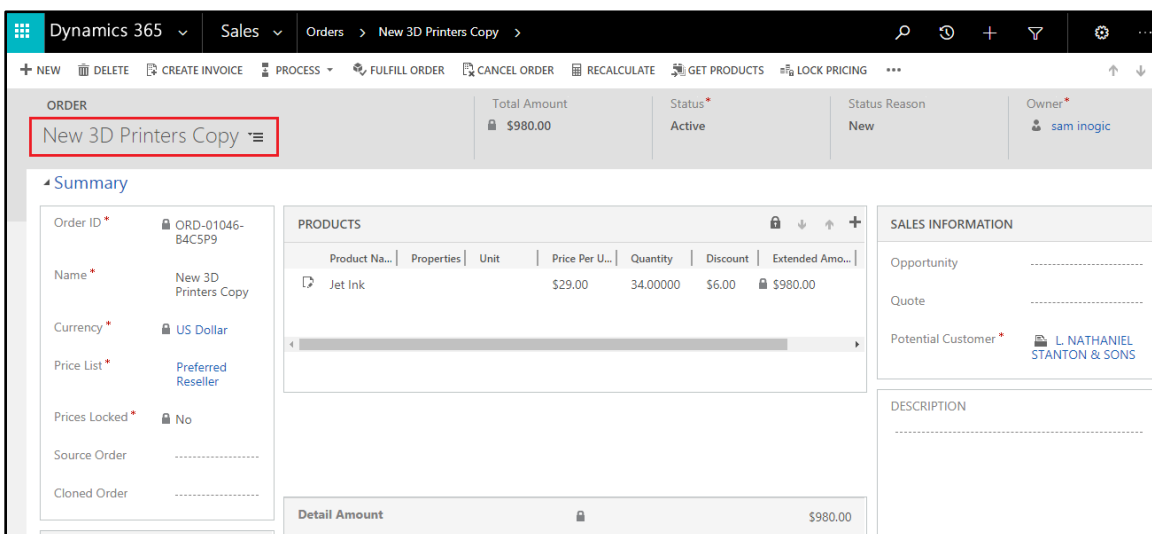
## Click2Clone–User Manual



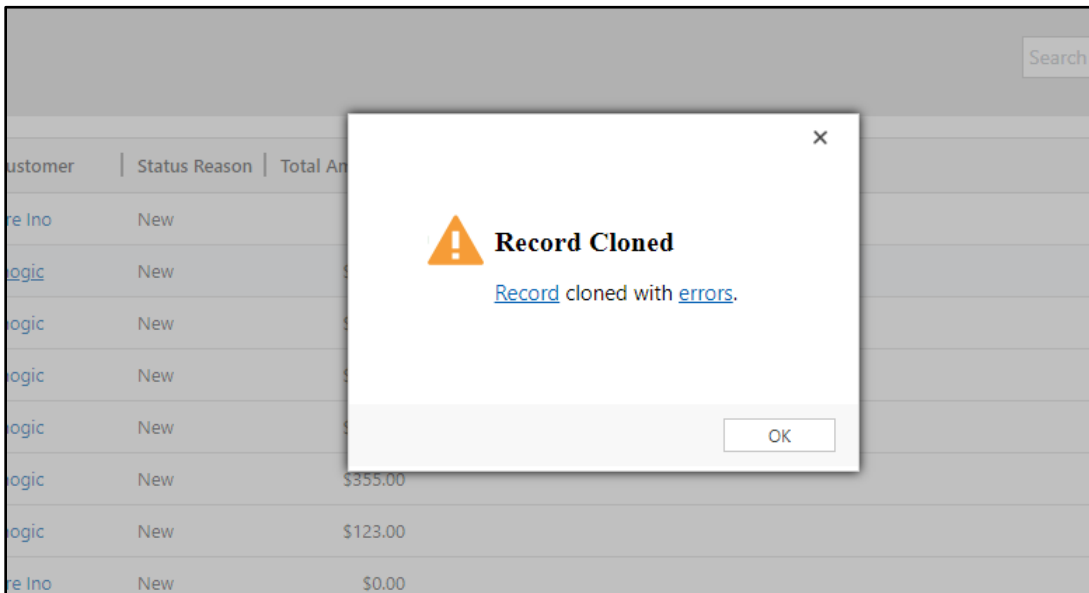
2. Select any view from the drop down list. Here **'My Orders'** has been selected. Then select the record to be cloned and click **'Click2Clone'**.



3. Once the record is cloned, the new record is displayed on the screen if there are no errors while cloning. Alternatively you can clone the record using a workflow using **'Run Workflow'**.



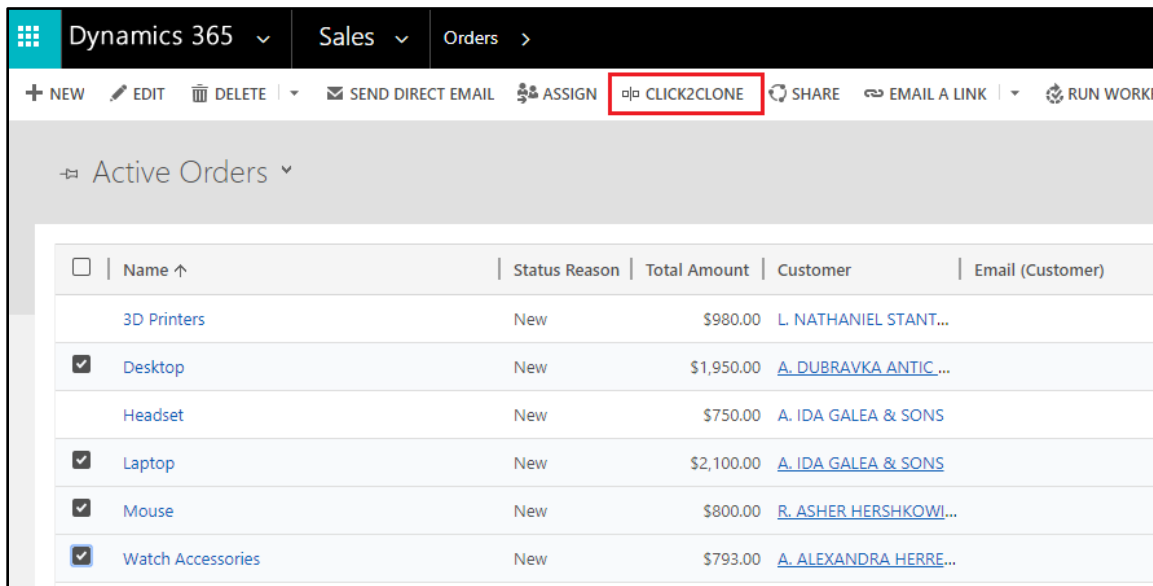
4. If there are any errors while cloning, then popup is shown, as seen in the below screenshot. On click of **Record** newly cloned record is opened and on click of **errors** it will navigate to **Click2Clone Error Log**, where you can see error list.



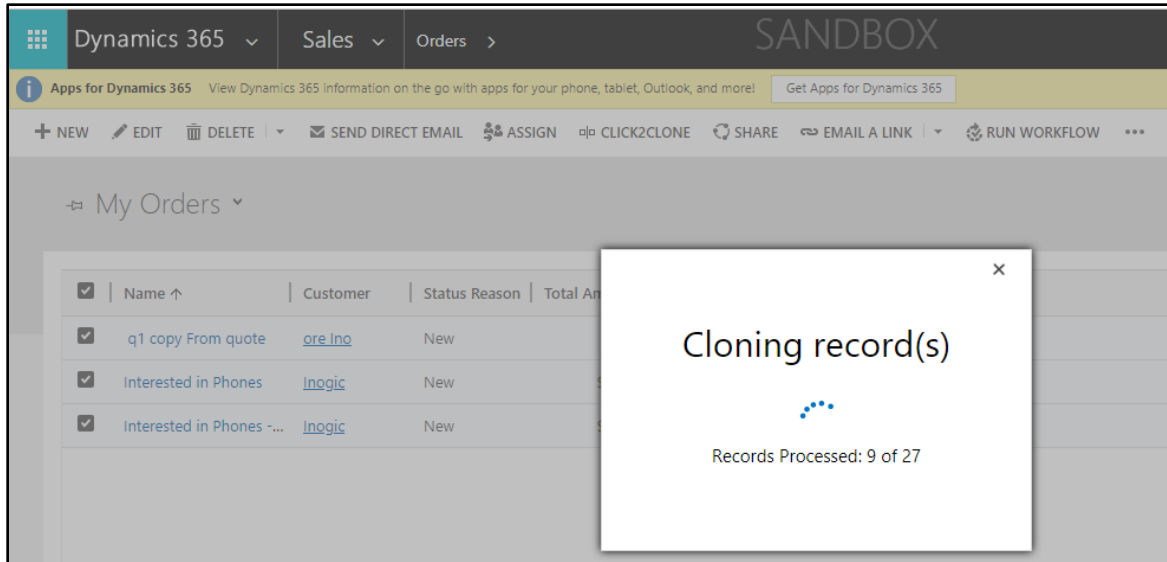
## Click2Clone for Multiple Records from the Home Page

Let us consider '**Orders**' as the entity and '**Active Orders**' as the view.

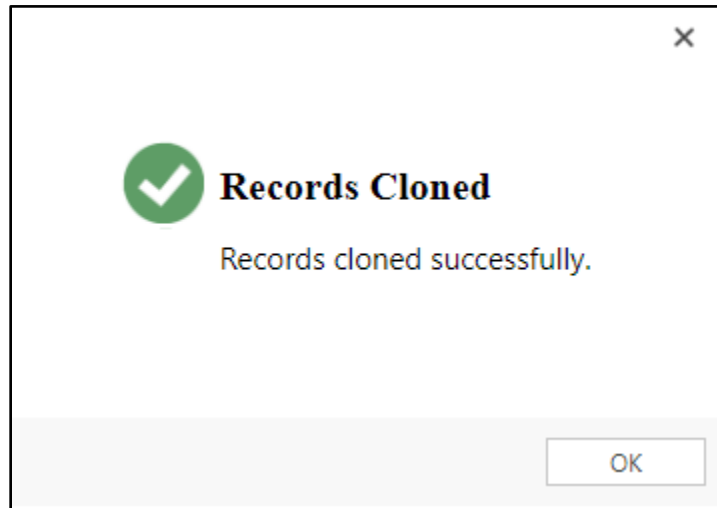
1. Select multiple records from the view and click '**Click2Clone**' button.



2. While the cloning is in progress, a message '**Cloning record**' gets displayed.



3. Once cloning is complete, a message **'Record cloned successfully'** is displayed on the screen.



5. Click **'Refresh'** on the grid to view the cloned records in the list of **'Active Orders'**. Alternatively you can clone the records using **'Run Workflow'**.



Active Orders

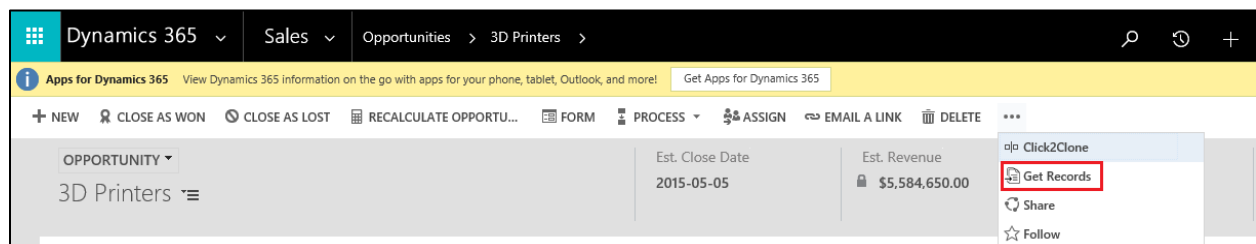
<input type="checkbox"/>	Name ↑	Status Reason	Total Amount	Customer	Email (Customer)
	Desktop	New	\$1,950.00	A. DUBRAVKA ANTIC ...	
	Headset	New	\$750.00	A. IDA GALEA & SONS	
	Laptop	New	\$2,100.00	A. IDA GALEA & SONS	
	Mouse	New	\$800.00	R. ASHER HERSHKOWI...	
	New Desktop Copy	New	\$1,950.00	A. DUBRAVKA ANTIC ...	
	New Laptop Copy	New	\$2,100.00	A. IDA GALEA & SONS	
	New Mouse Copy	New	\$800.00	R. ASHER HERSHKOWI...	
	New Watch Accessories Copy	New	\$793.00	A. ALEXANDRA HERRE...	
	Watch Accessories	New	\$793.00	A. ALEXANDRA HERRE...	

## Get Records

**Get Records** functionality brings child records from Source record to Target record of the same entity. By clicking Get Records on Target Record selected relationships from Source Record will be cloned to Target Record within same Entity.

For Get Records button to show up for an Entity, we need to create a Click2Clone Template for it and the user needs to have Click2Clone Administrator or Click2Clone User role.

*Note: The idea is same like what we have for Click2Clone button.*



It'd look something like above.

On click of Get Records, below UI would be shown.

**Select Template:** This is where the user will have to select which Click2Clone Template they want to proceed ahead with. If there is only one template, then we select it by default. But, if there are multiple templates, the user has to choose as per the requirement. Also, we show all the templates created for the current entity, except for “One to Another” templates.

**Select Relationship(s):** Based on the template selected above, all the selected 1:N and N:N relationship would be available for selection. User can select either one relationship or multiple relationships.

**Select Source Record:** This is where the user would have to select the Source Record.

On click of **OK**, all the selected relationship’s child records would be cloned over to the Destination Record

*Note: Get Records would always consider the currently opened record as the Destination Record.*

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## Multiple Copies

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Click2Clone enables users to create multiple copies of any given record at one go. This feature helps to avoid repetition of cloning the same record again and again. The user can create any given number of copies with ease which helps to save time and effort.

Let’s say, an opportunity record named ‘**Interested in Click2Clone**’ exists in the CRM system and user wants to create 2 clone copies of this record as below:

Copy 1: **Interested in Click2Clone 001**

Copy 2: **Interested in Click2Clone 002**

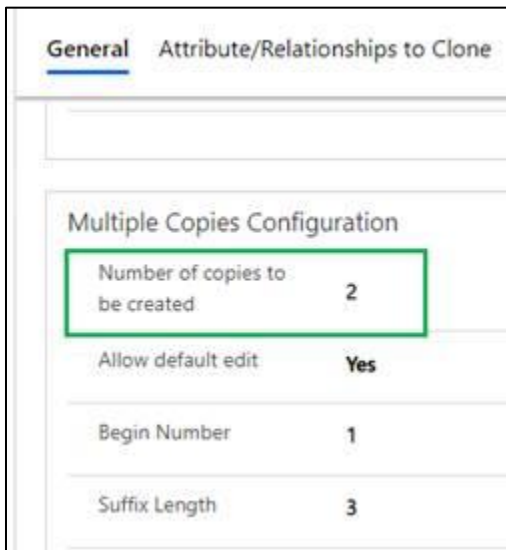
**Following is the step by step approach to achieve the above requirement:**

This whole process is divided into two parts: - **Configuration of template & Cloning the template.**

**1. Configuration of template:** For this, while configuring Click2Clone template go to '**Multiple Copies Configuration**' section and fill the following fields:

- **No of copies to be created:** 2 (Allows user to define the number of clone copies to be created; If the user wants to create 3 copies, simply enter the number as '3'.)

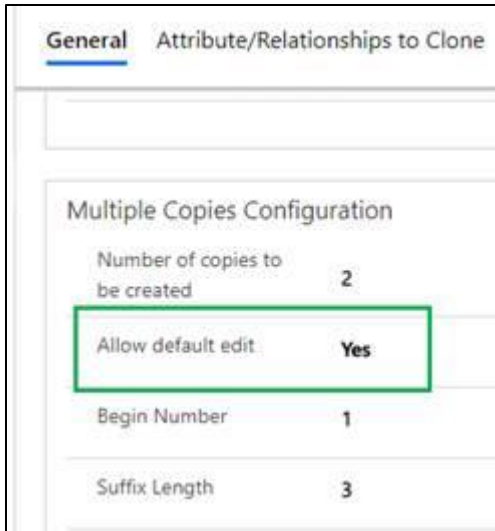
**Note: if user leaves this field blank, Click2Clone by default creates only one copy.**



Multiple Copies Configuration	
Number of copies to be created	2
Allow default edit	Yes
Begin Number	1
Suffix Length	3

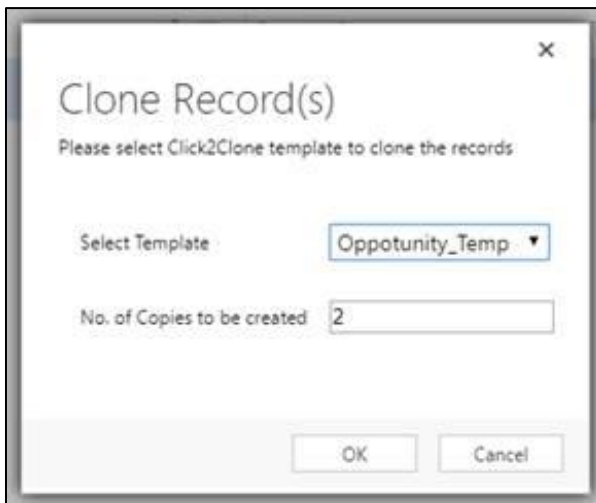
- **Allow default edit:** Yes/No (Allows/disallows user to change the number of copies to be created on UI while cloning the record. In this case, if user changes his/her mind to create 3 copies instead of 2, he/she can change the number from '**2**' to '**3**' on UI if '**allow edit**' is set as '**Yes**'. Similarly, user won't be able to modify the number on UI if the '**allow edit**' is set to '**No**' and the Click2Clone will continue to create only '**2**' copies)

**In case of 'Yes'**



Multiple Copies Configuration	
Number of copies to be created	2
Allow default edit	Yes
Begin Number	1
Suffix Length	3

On UI while cloning the record: (Allowed to change the number of copies to be created from '2' to '3' as seen below.)



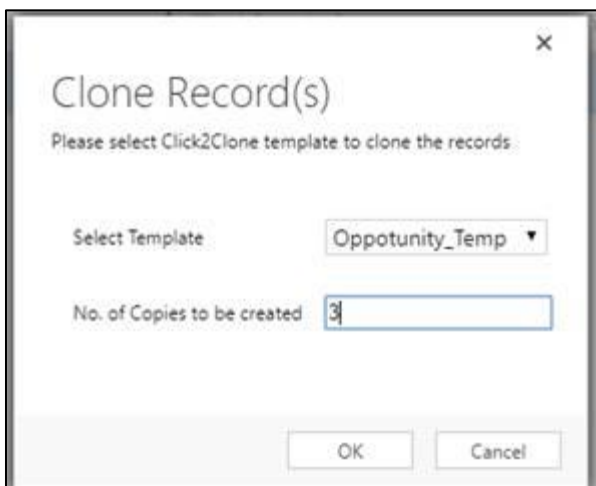
Clone Record(s)

Please select Click2Clone template to clone the records

Select Template: Oppotunity\_Temp ▼

No. of Copies to be created: 2

OK Cancel



Clone Record(s)

Please select Click2Clone template to clone the records

Select Template: Oppotunity\_Temp ▼

No. of Copies to be created: 3

OK Cancel

**In case of 'No' ('No of copies' field will be disabled)**

The image shows two side-by-side screenshots. The left screenshot is of the 'General' tab in the 'Attribute/Relationships to Clone' dialog. Under 'Multiple Copies Configuration', the 'Number of copies to be created' is 2, 'Allow default edit' is 'No' (highlighted with a green box), 'Begin Number' is 1, and 'Suffix Length' is 3. The right screenshot is of the 'Clone Record(s)' dialog. It prompts the user to 'Please select Click2Clone template to clone the records'. The 'Select Template' dropdown is set to 'Oppotunity\_Temp'. Below it, the 'No. of Copies to be created' is set to 2 (highlighted with a green box). At the bottom are 'OK' and 'Cancel' buttons.

- **Begin Number:** 1 (This defines a number that the clone copy counter will start from)

This screenshot shows the 'General' tab of the 'Attribute/Relationships to Clone' dialog. The 'Multiple Copies Configuration' section is visible, with 'Number of copies to be created' set to 2, 'Allow default edit' set to 'No', 'Begin Number' set to 1 (highlighted with a green box), and 'Suffix Length' set to 3.

- **Suffix Length:** 3 (Simply defines the number of digits to be added in the incremented suffix value)

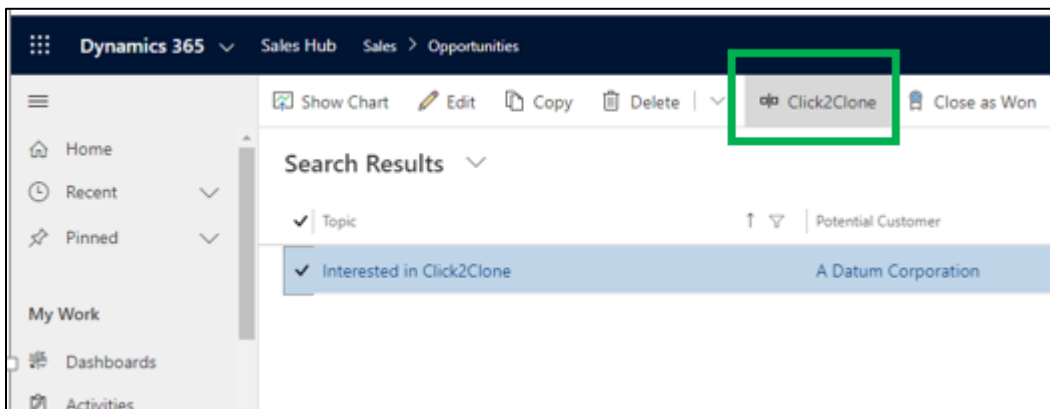
**General** Attribute/Relationships to Clone

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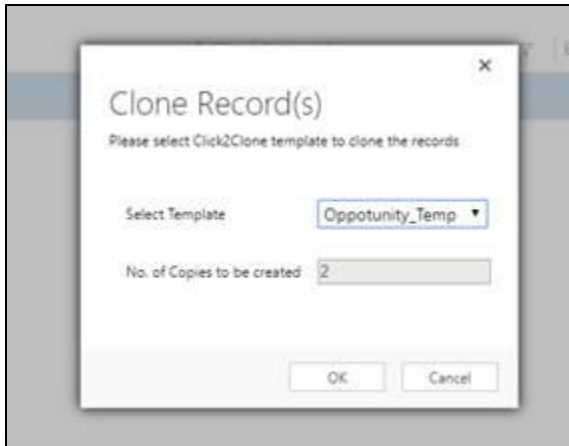
**Multiple Copies Configuration**

Number of copies to be created	2
Allow default edit	No
Begin Number	1
Suffix Length	3

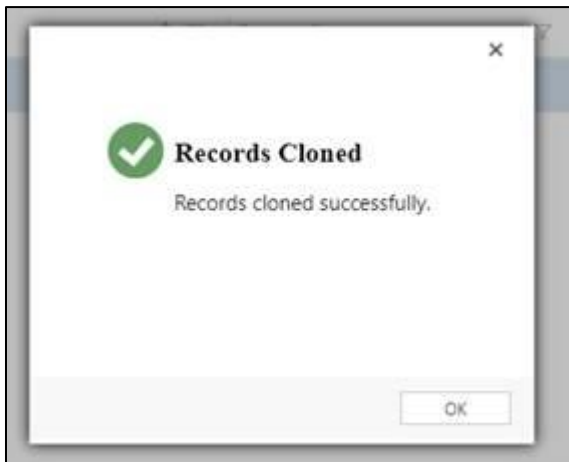
2. **Cloning the Template:** Navigate to the selected entity (Opportunity in this instance) and select the record from the home page to clone. Click on '**Click2Clone**' button as shown below (User can perform the same through the actual record form too).



The below pop up will appear once user clicks on the '**Click2Clone**' button. Since we have set the '**Allow Edit**' as '**No**', the '**No of copies to be created**' field will stay disabled and Click2Clone will by default create only 2 clone copies.



Click on 'OK' to proceed. The below success acknowledgment pop-up will be displayed after the cloning is successfully completed.



Click '**OK**' and navigate back to the list of opportunity records and search for these newly created 2 clone copies (You can use the '**Search Box**' to find it quickly).

- Marked in Purple is an original record
- Marked in Green are the clone copies of the original record

Search Results					Interested in c	
✓ Topic	Potential Customer	Est. Revenue	Est. Close Date			
Interested in Click2Clone	A Datum Corporation	---	---			
Interested in Click2Clone 001	A Datum Corporation	---	---			
Interested in Click2Clone 002	A Datum Corporation	---	---			

In this way, you can easily create the clone copies based on your requirement.

Cloning multiple copies of records is also now possible using workflow. The process is further divided into three parts:

- We will have a detailed look through all of the above in a step by step manner. Let's begin with the first part of the process.

1) Navigate to Click2Clone Templates → New Template. Fill all the mandatory fields and click on save.

### Opportunity

Click2Clone Template

General

Attribute/Relationships to Clone

Advanced Configuration

Child Template

Related

<div><div><div><div><div></div></div><div>Name</div></div><div><div>*</div></div><div>Opportunity</div></div></div>	<div>Prefix</div> <div>-copy</div>
<div><div><div><div><div></div></div><div>Source Entity Name</div></div><div><div>*</div></div><div>Opportunity</div></div></div>	<div>Suffix</div> <div>---</div>
<div><div><div><div><div></div></div><div>Target Entity Name</div></div><div><div>--Select--</div></div></div></div>	


Multiple Copies Configuration

Number of copies to be created

1

Allow default edit

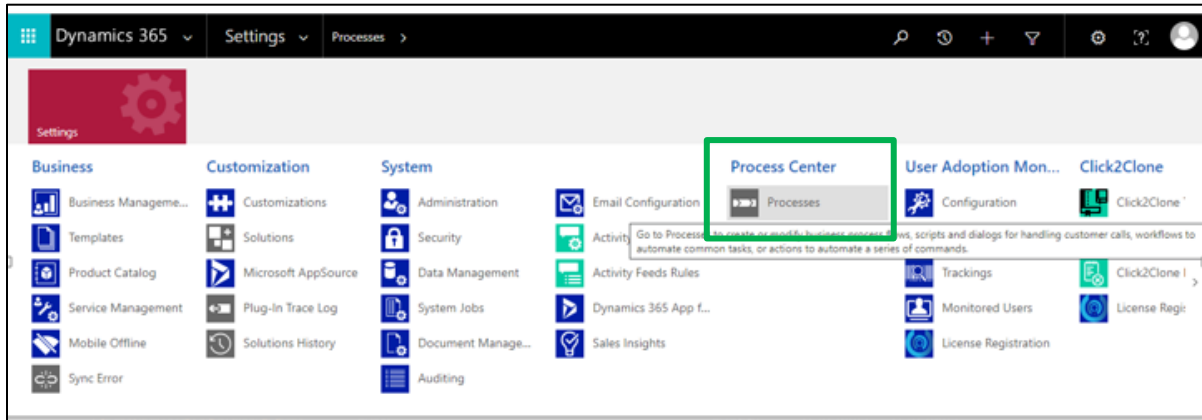
---

Active Click2Clone Templates <span>▼</span>		
✓	Name	↑  Entity Name
	Opportunity	opportunity

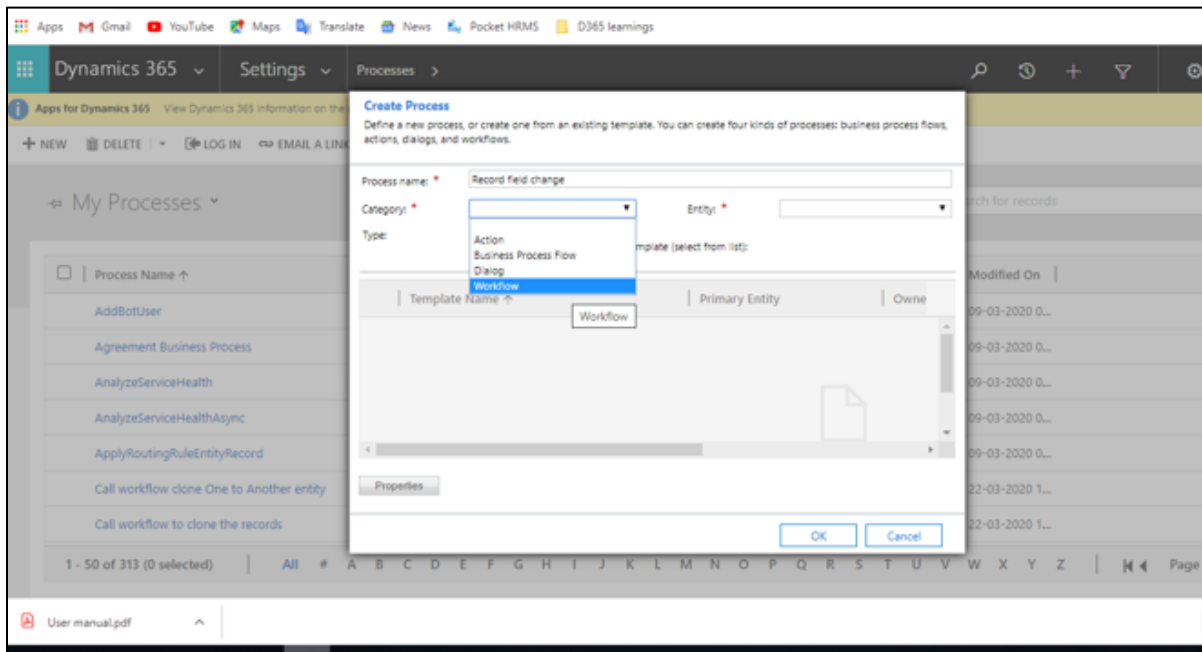


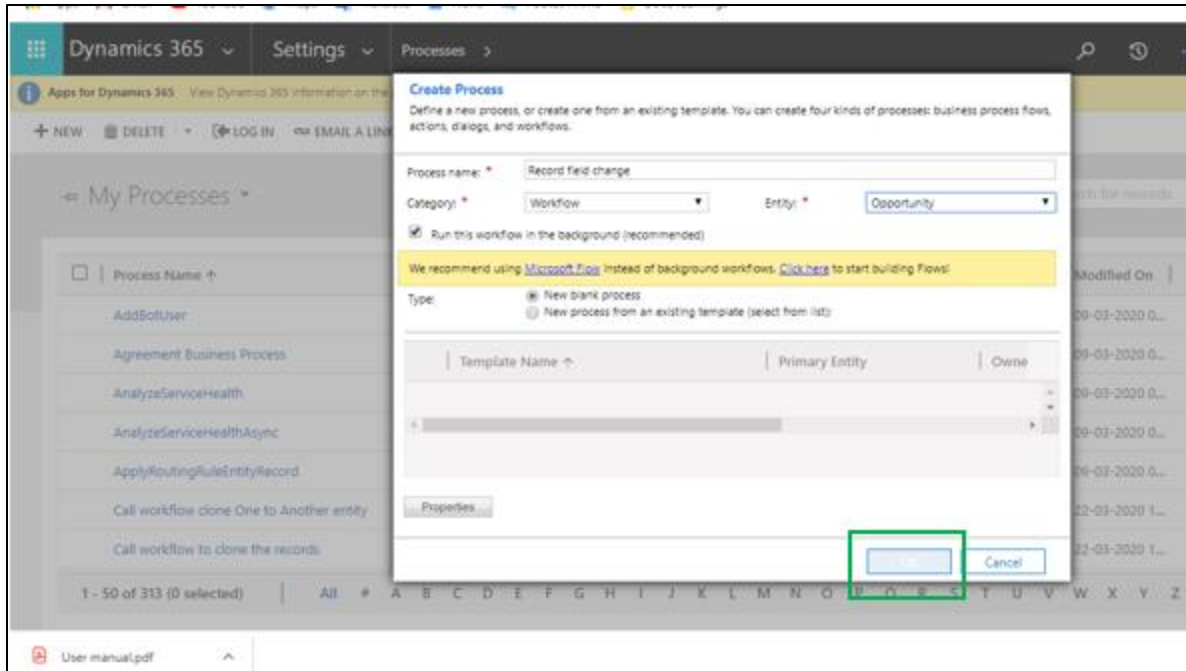
## Design Automation Workflow (E.g. Record field change)

1) Navigate to Settings → Processes → Create New Process.



2) Select 'Workflow' from the 'Category' dropdown and the entity that you want to clone the record of. Click 'OK' to proceed.

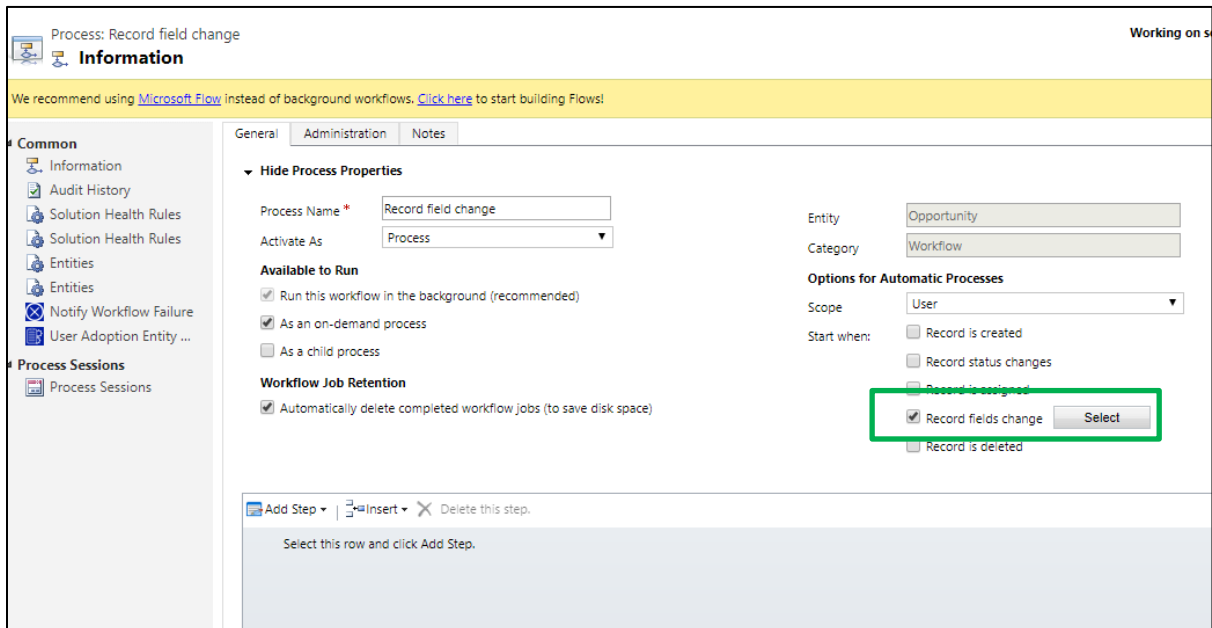




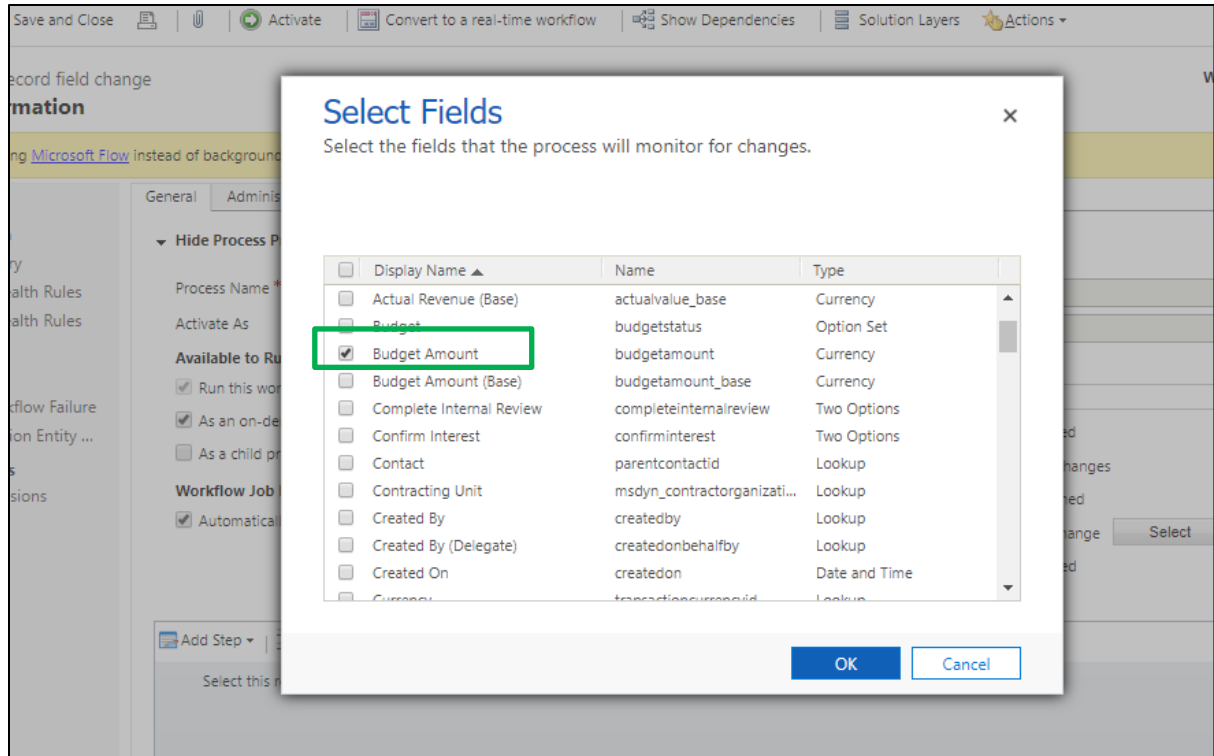
3) Tick 'Record Field Change' checkbox and select the fields.

**Note:** Click2Clone clones the record once the field(s) is updated so do the selection based on the requirement.

For example, if the user wants the record to be cloned automatically post updating the 'Budget Amount' field then he/she needs to tick the 'Budget Amount' field from the list, as shown below:

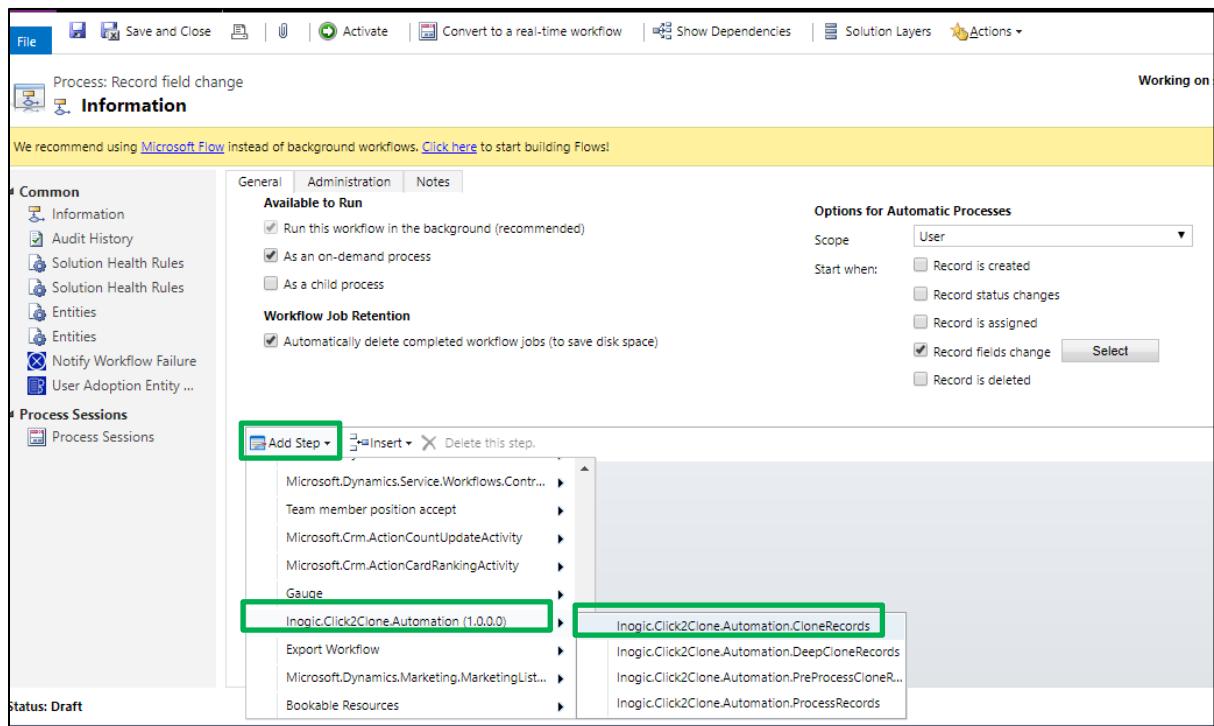


4) Select the field and click 'OK'.



SSS

5) Once the field selection is done, navigate to Add Step → Inogic Click2Clone Automation → Inogic Click2Clone Automation Clone Records, as shown below:



6) Click on 'Set Properties'.

Process: Record field change Working on

**Information**

Recommend using [Microsoft Flow](#) instead of background workflows. [Click here](#) to start building Flows!

**General** | Administration | Notes

**Available to Run**

- ☒ Run this workflow in the background (recommended)
- ☒ As an on-demand process
- ☐ As a child process

**Workflow Job Retention**

- ☒ Automatically delete completed workflow jobs (to save disk space)

**Options for Automatic Processes**

Scope:

Start when:

- ☐ Record is created
- ☐ Record status changes
- ☐ Record is assigned
- ☒ Record fields change Select
- ☐ Record is deleted

Add Step | Insert | Delete this step.

Type a step description here.

InlogiC.Click2Clone.Automation (1.0.0.0):InlogiC.Click2Clone.Automation.CloneRecords Set Properties

7) Select the template that we created earlier.

File | Save and Close

Process: Record field change

**Set Custom Step Input Properties**

Property Name	Data Type	Required	Value
Click2Clone Template	Lookup	Required	<span style="border: 2px solid green; padding: 2px;">Opportunity</span>
Number of Copies to be Created	Whole Number	Optional	<input type="text"/>

8) Now, how does the 'Number of Copies to be Created' field work here?

Process: Record field change

### Set Custom Step Input Properties

Property Name	Data Type	Required	Value
Click2Clone Template	Lookup	Required	Opportunity
Number of Copies to be Created	Whole Number	Optional	<input type="text"/>

**Scenario 1** – User has configured the multiple copies fields in the template as below:

### Multiple Copies Configuration

Number of copies to be created	2
Allow default edit	Yes

In this scenario, if the user changes his/her mind to create 3 clone copies instead of 2, then he/she will have to enter the number as '3' into the 'No of Copies to be Created' field marked above in Green and Click2Clone will create total 3 clone copies and not 2 since we have modified the number.

**Scenario 2** – User has set the 'Allow default edit' as 'No'.

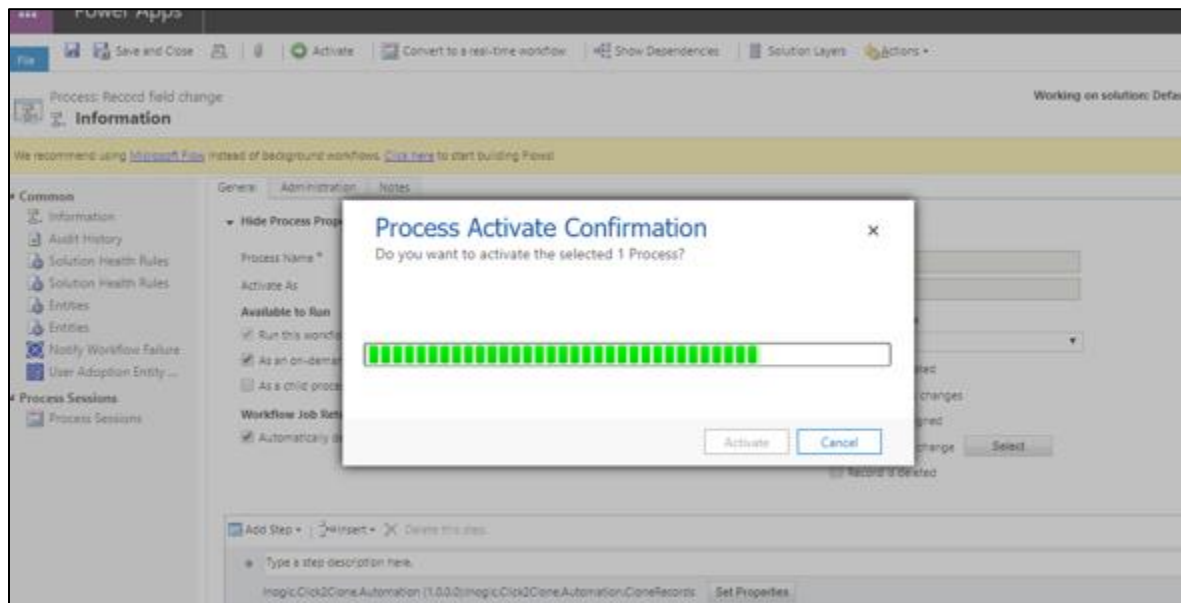
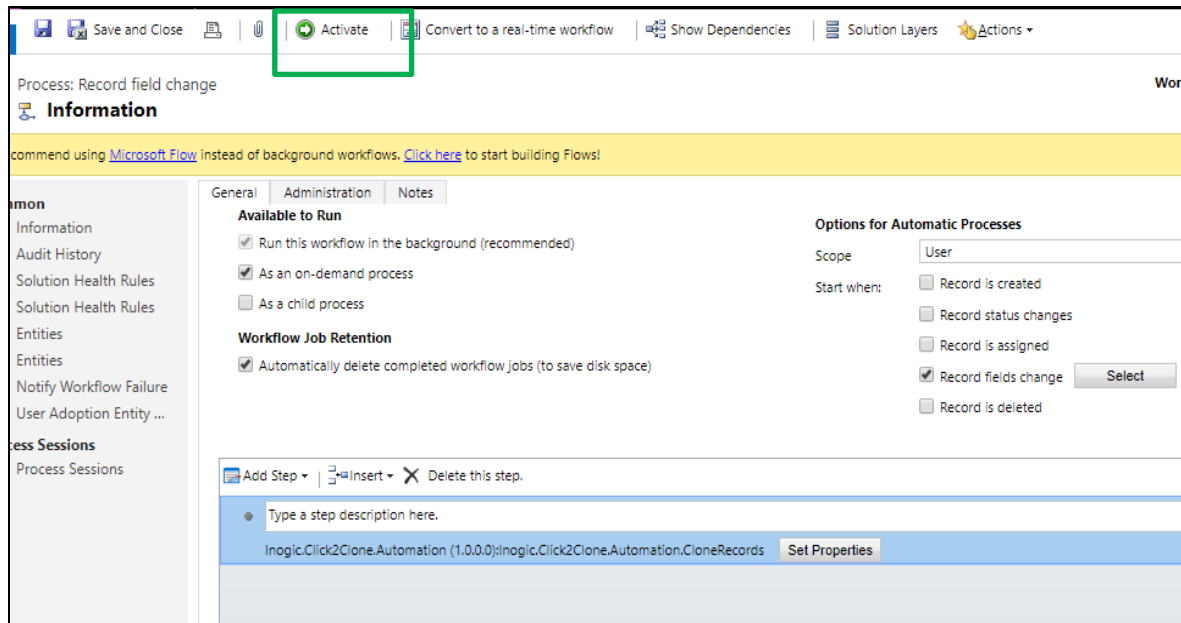
Multiple Copies Configuration	
Number of copies to be created	2
Allow default edit	No
Begin Number	---

In this scenario, system will simply ignore the value of the 'Number of Copies to be Created' field marked in Green above and continue to create the number of copies as mentioned in the template (2 in this scenario).

9) In this instance, we are opting to create only 1 clone copy, so simply click on 'Save and Close' to proceed further.

Property Name	Data Type	Required	Value
Click2Clone Template	Lookup	Required	Opportunity
Number of Copies to be Created	Whole Number	Optional	

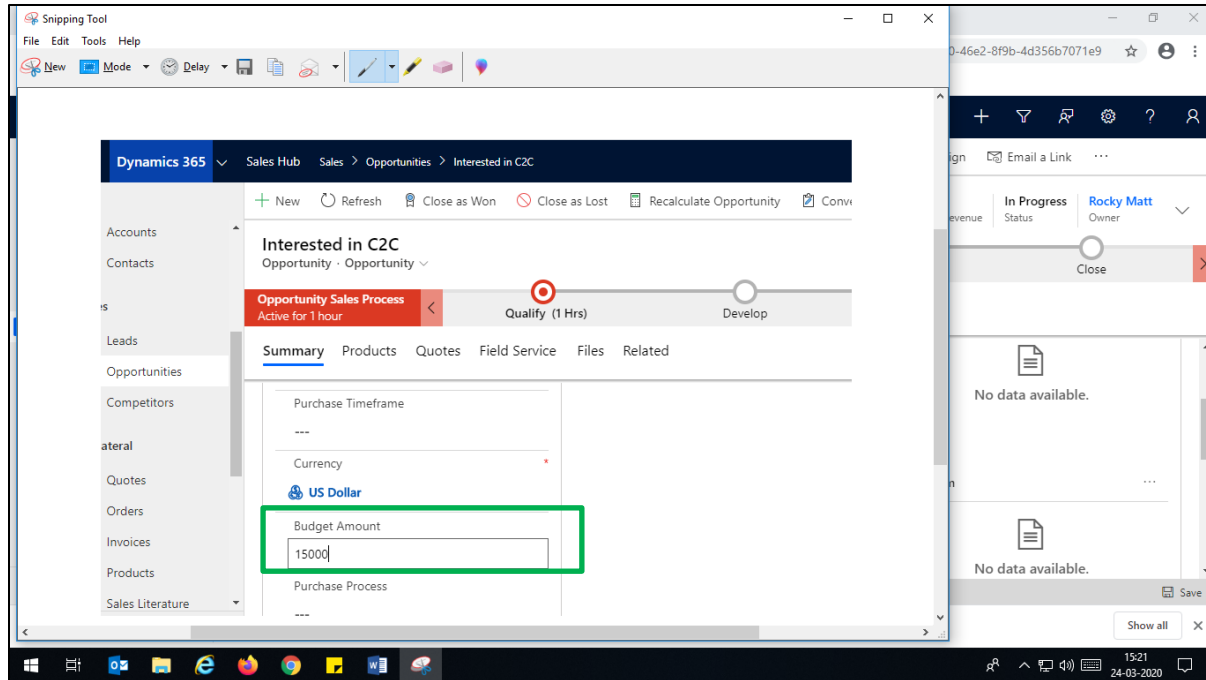
10) Next, we need to activate this workflow in order to turn it into an action, so click on 'Activate'.



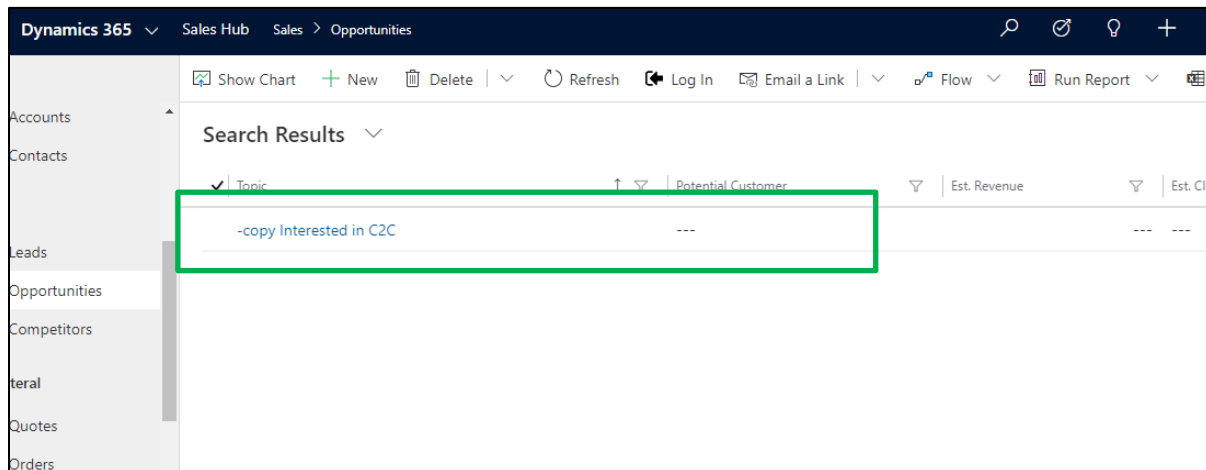
### Clone Operation (Updating the field in the record)

- 1) Once the workflow is activated, navigate back to the list of opportunity records and open the one that you want to clone.
- 2) Update the 'Budget Amount' field and save the changes.

## Click2Clone–User Manual



3) After saving, you can see the clone copy has successfully been created.



This is how the Click2Clone workflow helps user to create a clone copy on updating any of the selected fields within the selected entity.

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## Contact Us

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