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> Topic: Difference between Code Activity and Plugin

Sources: https://softchief.com/2021/06/08/plugin-v-s-custom-workflow-in-dynamics-365/

https://balugajjala.wordpress.com/2017/02/21/difference-between-custom-workflow-and-plugin/

https://carldesouza.com/dynamics-crm-workflows-vs-plugins/

https://cloudblogs.microsoft.com/dynamics365/no-audience/2010/06/25/plug-ins-vs-workflows-in-microsoft-dynamics-crm/

Explanation:

Custom Work Flow	Plug-in
Custom Workflow triggers are limited for	When using Plugins, we have a number of
record changes which are: Create, Update,	triggers available from the Message
Status Change, Delete and assign.	options that activates the plugin execution
Workflows and by extension, custom	Plugins can execute both asynchronously
workflow activities, execute totally	and synchronously.
asynchronously.	
Takes longer in execution	Less execution time and is totally preferred if
	validations are required to be performed
Workflows can be manually executed, or	Plugins are always triggered by the
automatically triggered by selected	messages to which they're subscribed,
events. Workflows can be limited to	though some Messages allow limiting
automatically execute within specific	execution based on whether certain
organizational scopes (ie. Org, BU, Parent	attributes have been passed into the
and Child BUs, or for the Owner only).	Message.
Workflows can be turned off (by	Plugins are always on.
unpublishing).	
No Timeout restrictions	Timeout after 2 minutes
Good for long running codes	Good for short logic which executes faster
Can be called on-demand to execute	Can't be called on-demand
Can't run offline	Can run offline
Custom workflows are preferred when the	Plugins are more preferred when the
requirement is more focused on flexibility	requirement is more focused on speed of
and functionality re-usability.	execution, security of process, validity of
	data.