Project Release Notes

Release 2.7 (July 2020)

What's New

Parent-Child Relationship in Flex

You can now define parent-child relationship between Flex objects. Child records can exist only with a parent. They are automatically downloaded with parent records without requiring explicit configuration. When a parent record is deleted, all its child records are automatically deleted as well.

Read more…

Cloning Apps

Why create from scratch when you can clone? Create new Appify Apps, Action Flows, and Actions by simply cloning, editing, and deploying them. In addition to saving time and effort, you can also benefit from reusing verified business logic that is already built into your existing apps.

Read more…

New Recipient Types in Save Actions

You can now widen the scope of recipients for your notifications to include email IDs and users related to the selected object's records. In Save Action rules, add recipients by selecting Email and Users fields related to the object.

Read more…

Appify Flex REST APIs

Accessing your business data stored on Appify Flex is now as simple and secure as accessing your webmail! Appify Flex REST APIs provide HTTPS URLs to access your data on Appify Flex. You can directly call the URL from any HTTP compliant client, embed it in your business logic, or invoke it from any data integration platform. Refer to the Appify Flex REST API document for more information.

Ordered List of Values

You can now customize the order in which the values listed in the field of type List of Values. You can arrange the values in ascending / descending order, reorder it according to your preference by clicking and dragging the values up / down in the list. You can also populate the values in the list by copying and pasting from an existing list.

Improved Output Documents

Your users will see improved positioning and sizing of images and attachments when they generate output documents.

You can define the position and size by adjusting the image placeholder, which will now be added automatically when you insert an image or attachment in the Appify Template Designer. You can also adjust the column width of the inserted table.

New Features in Android App

The following features are now available on Appify for Android App:

- In Create, Edit, and Fork actions, you can now configure copying of values from Lookup record fields to parent record fields
- Date/Time values for Flex users will now be displayed in the timezone of the user's device
- Date/Time and Phone number fields will now be displayed according to the preferences set on the user's device

- You can now use Literals for configuring Field Defaults, Field Calculations, Fork Field Associations, and Filters

Parent-Child Relationship

Overview

You can now define parent-child relationship between Flex objects. A parent-child relationship is a hierarchical dependency, where the parent implicitly determines certain attributes and functionality of the dependent child object.

For example, let us consider two objects Service Order and Jobs. Records in Jobs depend on a record in Service Order. You can define a parent-child relationship between the two objects, where Service Order is the parent and Jobs is the child, to automatically control the behavior of records in Jobs, such as:

- A Job record can only be created if the Service Order information is provided
- If a Service Order record is deleted, all the dependent Jobs records are automatically deleted
- The record Ownership, User Permissions and Sharing Rules are automatically defined for the Job records based on the Service Order record

This feature is also applicable to any configured external data source that supports parent-child relationship.

Defining Parent-Child Relationship

Object Modeler:

You can create a parent-child relationship between two objects, by enabling the Parent Field attribute of a Reference field in the target child object. The object selected in the Related To dropdown of the Reference field will become the parent object.

A child object can be related to only one parent object. A parent object can be related to one or more child objects and can have any number of grandchild objects.

You can enable the parent-child relationship on any target child object, if ONE of the following conditions is true:

- The target object does not have any records
- The Reference field set as Parent field contains a value in all the records

The Reference field for which the Parent Field is enabled is flagged as '(P)', in the List of Fields under the Fields tab. Once the parent field has been set for a child object, the Parent field can neither be edited nor be deleted.

User Profiles and Sharing Rules:

You cannot set Permissions and Sharing Rules on the child object independently; these are inherited from the parent object

App Central:

While designing Create, Edit, List (with inline edit enabled), or Fork actions for objects that share a parent-child relationship, you will be able to save the page layout only after including the parent field in the Lines section for each child object.

Mobile Settings:

You will be able to define the download criteria for a child object, only if you have created an independent action specifically for the child object.

Parent-Child Relationship in Apps

All child records are downloaded automatically along with the parent record, when the app is launched for the first time or when the app user syncs the data. Child objects that are not included in any action are not downloaded.

While creating a child record, the parent field is a required field. While editing a child record, it is a read-only field. Whenever a child record is saved, the Owner field is automatically set to the owner of the parent record.

When a parent record is deleted, its child records are automatically deleted after prompting the user.

Clone Apps

You can now create new apps by cloning any existing app. You can edit and customize the action flows and actions in the cloned app according to your requirements. You can also clone action flows and actions individually.

Clone Apps

You can clone any app listed in the App Central by clicking 'Clone App' on the app menu, changing the default name, providing a description, and selecting an icon.

The cloned app will appear in App Central. All action flows and actions in the cloned app are identical to those of the original app. You can edit the app as needed and rollout.

Clone Action Flows

You can clone any action flow in an app by clicking 'Clone' on the action flow menu. You can assign it to the same app or a different app. If you select a different app, you will be navigated to the Action Flow screen of that app, where you can edit the flow as needed before rolling out.

Clone Actions

You can clone any action in an action flow by clicking 'Clone' on the action menu. You can assign the cloned action to an action flow in the same app or a different app, by selecting the app and the related action flow from the 'To App' and 'Action Flow' dropdown lists.

If you have a single app, or the selected app has a single action flow, you will not see the 'To App' or 'Action Flow' dropdown lists. The single app or action flow is selected implicitly.

You will be navigated to the screen of the newly created action, where you can edit the action before rolling out the app.

Clone As

When you clone an action, you have the option to create a different type of action by selecting the type from the 'Clone as' drop-down. The two actions must be compatible. Create, Edit, View, Fork, and Sign actions are all compatible with each other.

New Recipient Types

Save Action now provides two additional types of recipients - Related Users and Related Emails - for you to include in your Email and App notifications. With this, you can notify only users related to the record or also include them in addition to the existing recipients.

For example, when a work order is assigned to a technician, you can choose to notify only the technician concerned.

Adding Related Users

If your object has a reference field to the Users object, you can add this field in the "Enter Related User Fields" textbox of the Email Notification and / or App Notification sections.

Adding Related Emails

You can add fields of type Email from your object, in the "Enter Related Email Fields" textbox of the Email Notification and / or App Notification. In the case of App Notification, if the email address is associated with a record in the User object, that user will receive an app notification. If there is no such user, the email address is ignored.

Fixed Issues

The following customer issues have been fixed in this release:

Issue ID	Product Area	Issue Description
CD-252	Studio	Sort the values in fields of type List of Values was bit supported in Object Modeler.
CD-415	Studio, Web Client, iPad, iPhone, Android	Email address was treated as case sensitive text across the app.
CD-446	Web Client	Predefined search did not return results for the reference object if the search keyword matched any field in the reference records.
CD-529	Studio	Sign Action was not supported if two or more Salesforce data sources were configured for an Appify account.
CD-546	Web Client	If the previous state of the app was Edit, and the browser back button was pressed, it was incorrectly navigating the user to the Edit screen instead of the page that initiated the edit.
CD-552	Appify Template Designer	Bullet items were getting listed on the same line instead of one below the other in the output document.
CD-575	Web Client	In Record View of a List, the related Action flow and Actions displayed on the right pane was incorrect.
CD-586	iPad	If the configured default field value for any action included the special character' (apostrophe), the text

		after the special character was getting trimmed when saved.
CD-593	Sign Action	The generated Output Document did not have the configured font.
CD-603	Web Client	In all the action screens, the User lookup fields displayed 'System User' instead of the user's Full Name.
CD-608	iPad	Data sync failed on the iPad if it encountered any field which had the keyword 'limit' as part of its name. Due to this issue, records for objects with such field names were not getting displayed.
CD-613	iPad	Deleted PDF attachments were incorrectly getting listed in the Attachments section of View action screens along with existing attachments. However, tapping any deleted attachment did not open the associated file.
CD-616	Studio	It was mandatory to mark Title fields as required for any object. It was impacting customer scenarios where the Title field was not in use. This constraint has been removed, and is not mandatory to mark Title fields as 'required' now.
CD-617	iPad	Keyboard pop up was blocking the input fields, making it difficult for users to enter data. Now, when the keyboard pops up, the screen will automatically scroll up to display the input field that has the focus.
CD-618	Web Client	If more than one data source was configured for an app, the Predefined search was not returning the matching records from all the data sources.
CD-620	Web Client	Error' ORA-0001: unique constraint <constraint-name> violated' is thrown when you click Save after invoking

		Fork action on a grandchild record in Oracle data source.
CD-622	iPad	The option to add a new record in the Lines section has been renamed from "Create Child" to "+Create New" in Create, Edit, and View actions.
CD-623	iPad	The introduction of the new audit fields in the User object caused a failure in downloading data, due to which User lookup did not show any records.
CD-628	Web Client	Field calculations based on Reference fields did not work. If a List action was based on this, it did not return any records.
CD-632	Studio	Exporting existing data from the User object in Appify failed, resulting in a blank Excel sheet.
CD-635	Android	Copy fields configured for fields in the Lines section were not working for Edit actions.
CD-636	Android	Fields marked as read-only were editable in Create and Fork actions.
CD-637	Android	Newly added records in the Lines section were not getting saved in the case of child objects.
CD-639	Android	The app stopped responding when an Output Document was being generated for a Sign action that did not have any signature field configured. The Signature field was always displayed at the top, irrespective of the Signature section position in the page layout.
CD-644	iPad	When the device switched from offline to online mode, data updated by the user in offline mode was getting discarded due to an issue in data synchronization.

CD-645	Appify Template Designer	The fields inserted in the Header section of the template was not getting replaced with the values in the output document.
CD-649	iPad, iPhone, Android	OAuth login was not working in iOS and Android apps due to an issue with the URL used for retrieving login related information.
CD-650	Web Client	Enable When / Hide When rules did not work for Sign and View actions if the rule criteria included a reference field.
CD-657	Android	The page layout of the output document was broken if it contained images. It resulted in a blank first page with the image shifted to the second page.
CD-664	Web Client	The newly added record in the Lines section was not saved if the section contained any Field calculation, and the calculated value for the record was empty.
CD-667	Android, iPad, iPhone	Lookup data was not displayed on Mobile devices due to an issue in data sync.
CD-685	iPad	Clicking on a record in the Lines section of View action displayed "INVALID_QUERY_FILTER_OPERATOR" error if the Lines section had a Pre-Filter rule defined for a Reference field value with the 'Exact Value' operator.
CD-687	Web Client	The fork action screen stopped responding on clicking a Reference field on which Pre-Filter had been configured.
CD-689	Web Client	Output document generation failed if the text field contained the special character "/".
CD-691	iPhone	The app stopped responding on tapping the Notification section or clicking the Search icon when it was connected to a Remote Appify Data Source.

CD-698	Web Client	Existing records in the Lines section were getting deleted after performing Fork action.
CD-701	Studio	In Fork action, the filter criteria and the field mapping defined in Field Association settings were not getting saved correctly. The Target object's fields were replaced by the Source object's fields.
CD-705	Android	The app stopped responding when a View action, which did not have an Attachment section, was accessed.