Project Release Notes

Release 4.6 (June 2022)

What's new

Multi-language support

Appify platform now supports another language: Spanish! You can translate your apps into Spanish using the Translation Manager. Support for other languages will follow soon in upcoming releases.

Read more...

Object-level validation rules

You can create object-level validation rules to verify records before saving them to the object. Within object-level validation rules, you are able to provide meaningful error messages if the record fails the validation rule.

For example, to ensure that critical work orders get higher priority, you can add a rule to validate the priority of the work order when it gets assigned

Read more...

Enhancements

Following enhancements are available in this release:

- New dashboard shortcuts for View and Edit actions

- Ability to override object-level APIs in remote object actions

- Ability to select users dynamically for notification using filter criteria in save actions

- Auto number subsequence

Read more...

Multi-language support

Appify platform now supports another language: Spanish! You can translate your apps into Spanish using the Translation Manager. Support for other languages will follow soon in upcoming releases.

## How to set up and switch languages

1. Export and import language tags with Translation Manager: Use the Translation Manager menu on the left navigation bar to quickly export language tags and easily import translations.

   Note: If the menu does not appear on the navigation bar, check the Show / Hide menu option to unhide it.
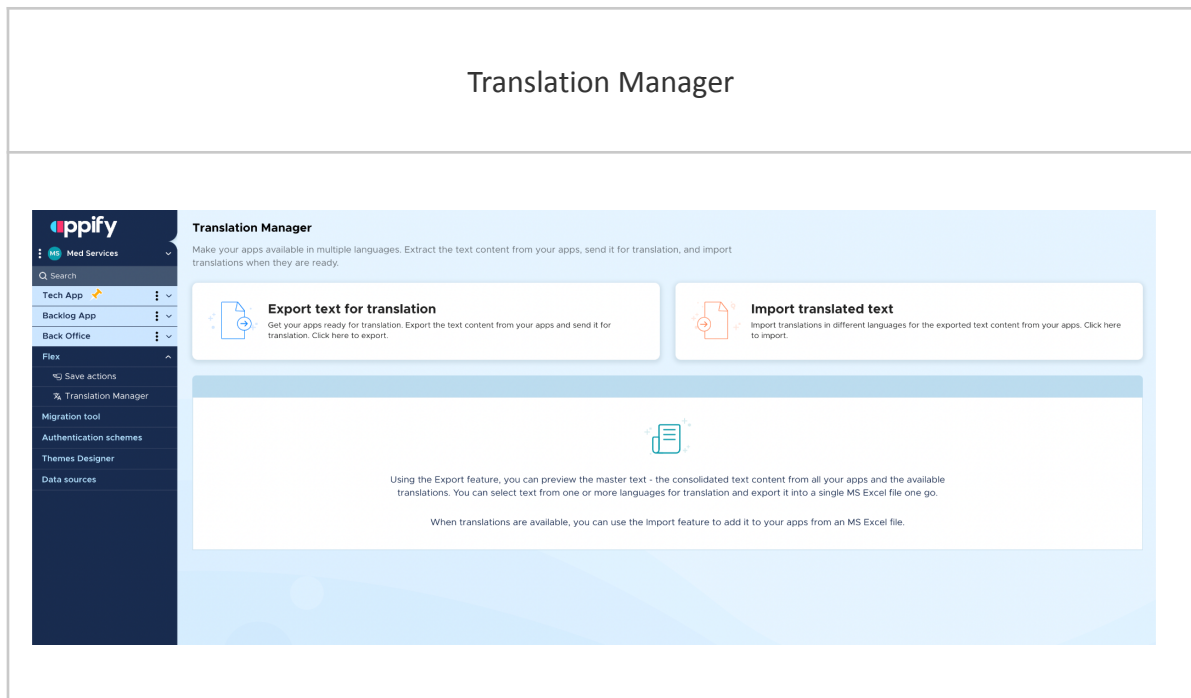
You can carry out the following tasks from the Translation Manager:

- **Export language tags**: Prep your apps for translation by exporting the language tags to Microsoft Excel from the *Translation manager*. To export tags, select one or more source languages and click *Export now*. You can download the export file from your instance and it will also be sent to the email address associated with your account.

- **Import translation:** Import translated tags from Microsoft Excel to your instance on the Translation Manager's Import page. To import translations, open the import file containing the translations, choose the worksheet with the translations and click *Import now*.

2. **Global and user-level language settings:** Use the language options on the Company Profile page to set the org-wide language. You can override this at the user level from the user information page.

Global language settings	User-level language settings
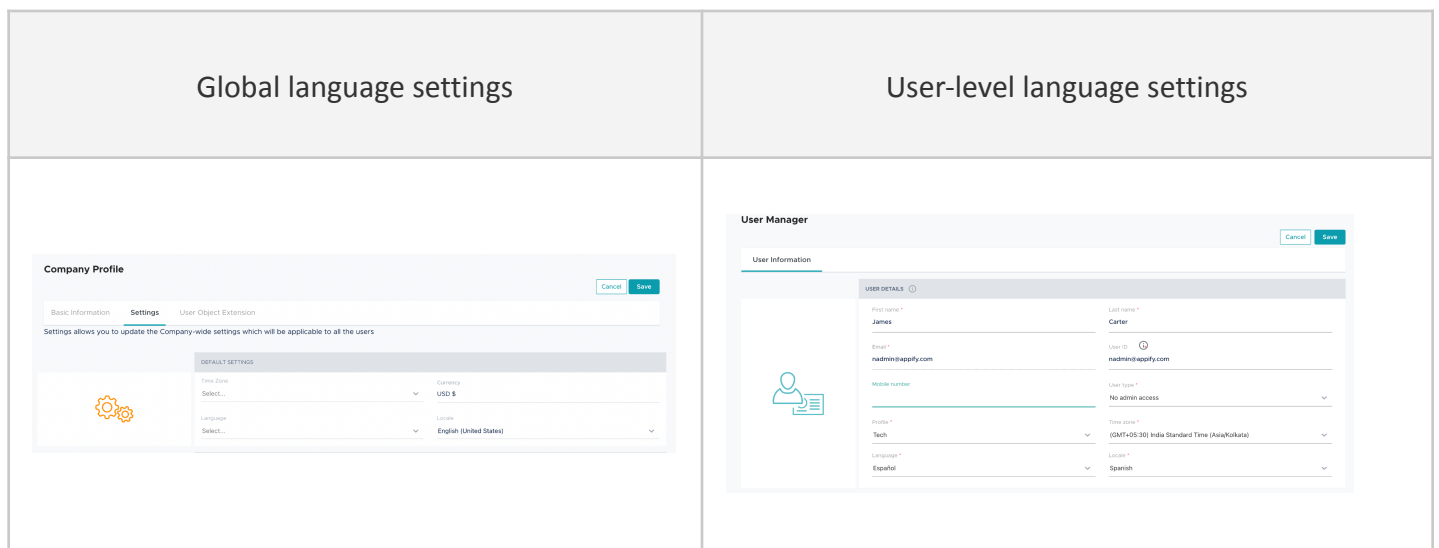
3. **Studio in Spanish**: You can switch the Appify Studio UI to Spanish by choosing Español from the language settings on the User Information page. The language change will take effect when you sign in next.

Please note:

- Ensure that the import file format is similar to the export file. You may make a copy of the export file and edit it to add the translations under the language column on a new tab.

- To make the translated tags available to the apps, rollout the apps after importing the language tags.

- The language switch will take effect on the app when the users sign in next.

- To make the language tags for existing apps available for export, save each action across the apps and rollout.

- Multi-language is supported for web clients. Support for mobile apps will follow soon in an upcoming release.

Object-level validation rules

You can create object-level validation rules to verify records before saving them to the object. Within object-level validation rules you are able to provide meaningful error messages if the record fails the validation rule. Since the object-level rules are triggered directly from the object, it is independent of the app, action, or the API from where the record was created or updated. The validation rule is always triggered irrespective of the means by which the record was updated.

For example, to ensure that critical work orders get higher priority, you can add a rule to validate the priority of the work order when it gets assigned.

How to set up object-level validation rules

Add object-level validation rules from the object settings in the *Object modeler*. Click the *Add rule* button on the *Validation rule* tab to add a rule. Enter a rule name and provide a meaningful validation message. Setting the rule criteria is mandatory.

Use the following to set the right-hand side (RHS) value of the criteria expression:

- Date literals for all Date and DateTime fields
- ${USERINFO} literals for Text, Email, Phone, and Number fields
- ${CURRENTRECORD} literals
- Fields from the related objects
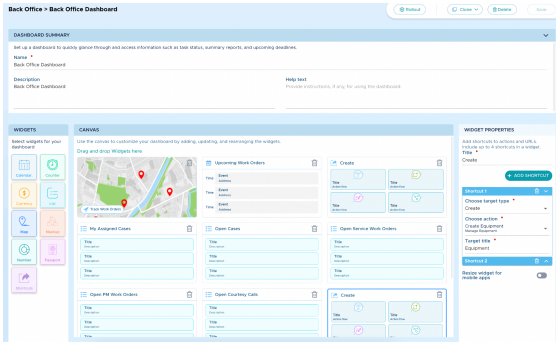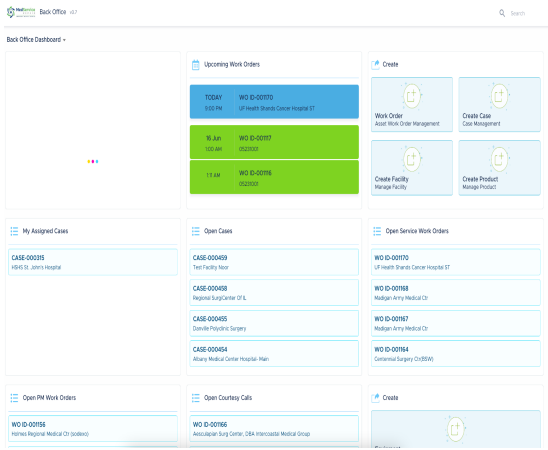
Please note:

- The validation rules are not triggered for drafts.
- Remote objects don't support object-level validation rules.

Enhancements

New dashboard shortcuts - View and edit action

Dashboard designer - View and Edit shortcuts settings	App - View and Edit shortcut widget

You can now add *Edit* and *View* actions to the shortcut widget on the dashboard. Choose *View* or *Edit* as the action type in the shortcut widget's property panel to add the corresponding actions. Record selection criteria are mandatory for these shortcuts. An error message is displayed if the criteria failed to find a record or found more than one record.

You can use the following literals in the RHS value of the criteria expression:

- Date literals for Date and Datetime fields
- ${USERINFO} literals for all Text, Email, Phone, and Number fields
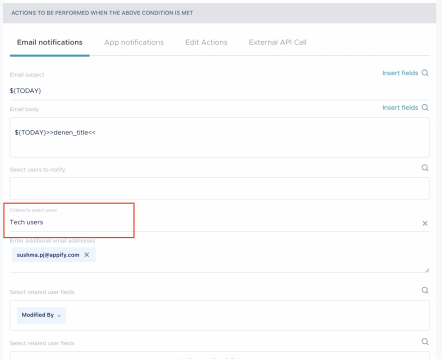
Override object-level APIs in remote object actions

Override the object-level API settings at the action level and customize the action. For example, in a work order action flow, you can override the API to call an external REST service for generating the invoice.

Look for the API settings tab in the action designer and enable the Override object-level API settings option. This tab will appear only for actions that use remote objects. All settings at the action level are similar to that of object-level API settings.

Select users dynamically for save action notifications

Set the filter criteria to select users dynamically for notifications on the Email and App notification tabs in save actions. For example, you can set the criteria to automatically select and notify automobile technicians for a truck breakdown repair job.

Set the criteria from the User selection criteria field in the Email and App notification tabs. You can use the ${CURRENTRECORD} literals to set the RHS value of the criteria expression.

Auto number subsequence

Create / Edit Field Label **WO ID** Api Name **payln_wo_id** Description HelpText Select Field Type Auto Number ⌄ Number Format **000000** Starting Number **1** Display Format **WO ID-000001** Auto Generate ⬤ Generate Auto Number for existing records ☐ Make this a subsequence ⓘ Prefix the autonumber value with a field value from a reference object.	

Enable subsequence to link the generated auto-number value with a reference field of the Flex object.

For example, in a Test order object that stores test samples from several labs, you can include the Lab ID in the test order ID - an auto number, to link the test sample to its lab as follows:

- Test-1MG-00021
- Test-1MG-00022
- Test-PRIMA-00045

To add subsequences, go to the auto number field's settings panel, enable the 'Make this a subsequence' option, and choose the reference object and field.

Please note:

- Subsequence will not apply to existing records.

- If the reference field is blank when generating the auto number, the generated subsequence will not include the value.

- Once generated, the value of the auto number will not change if the reference field value changes or the field itself is deleted at a later point.