

# 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...](#)

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## 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...](#)

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## 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...](#)

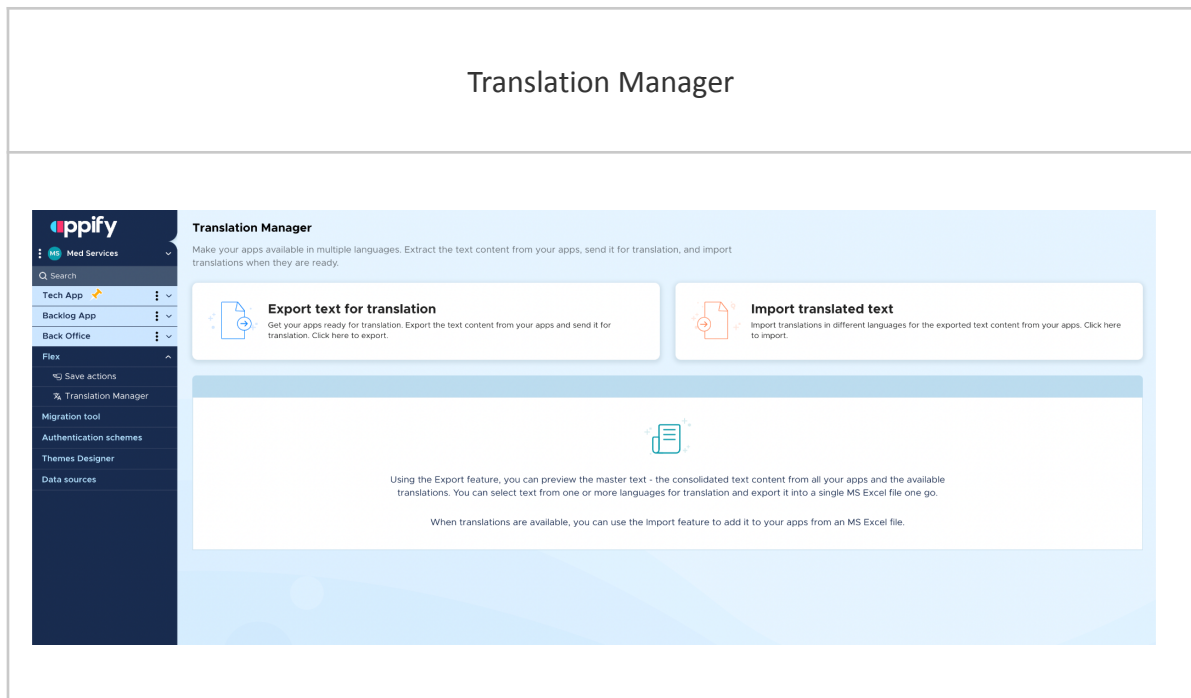
# Multi-language support

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

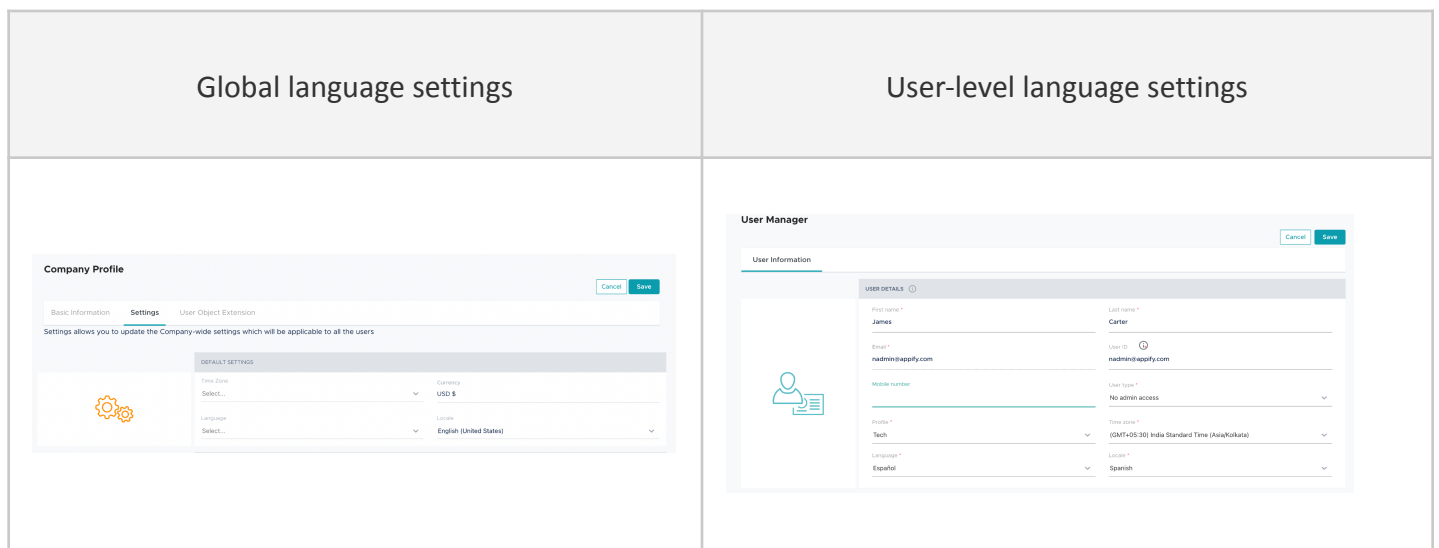
1. Export and import language tags with Translation Manager: Use the Translation Manager menu on the left navigation bar to quickly export language tags and easily import translations.

*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.



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

### Object-level validation rule

**Object Modeler** Cancel Save

Object Details Fields Dependencies Uniqueness Reference controls Advanced search **Validation rules**

Add rule

⊞ 🗑️ ^

<small>Rule name</small> Check AMC validity	<small>Criteria for error condition</small> Check AMC validity <span style="float: right;">🔍</span>
<small>Error message</small> AMC for this account has expired. Please renew the contract to raise new service orders.	

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

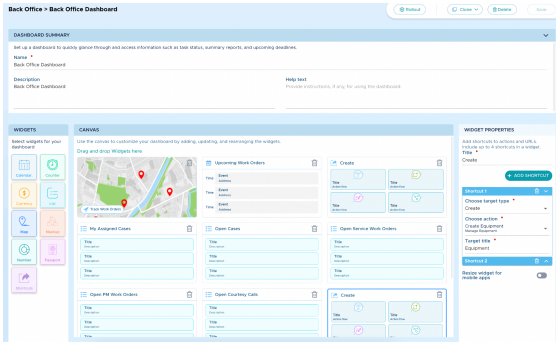
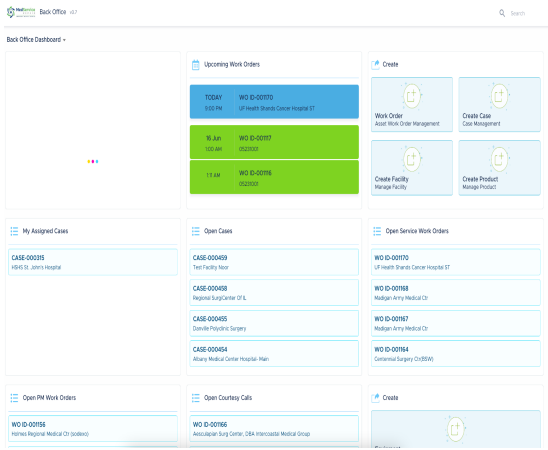
**Please note:**

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

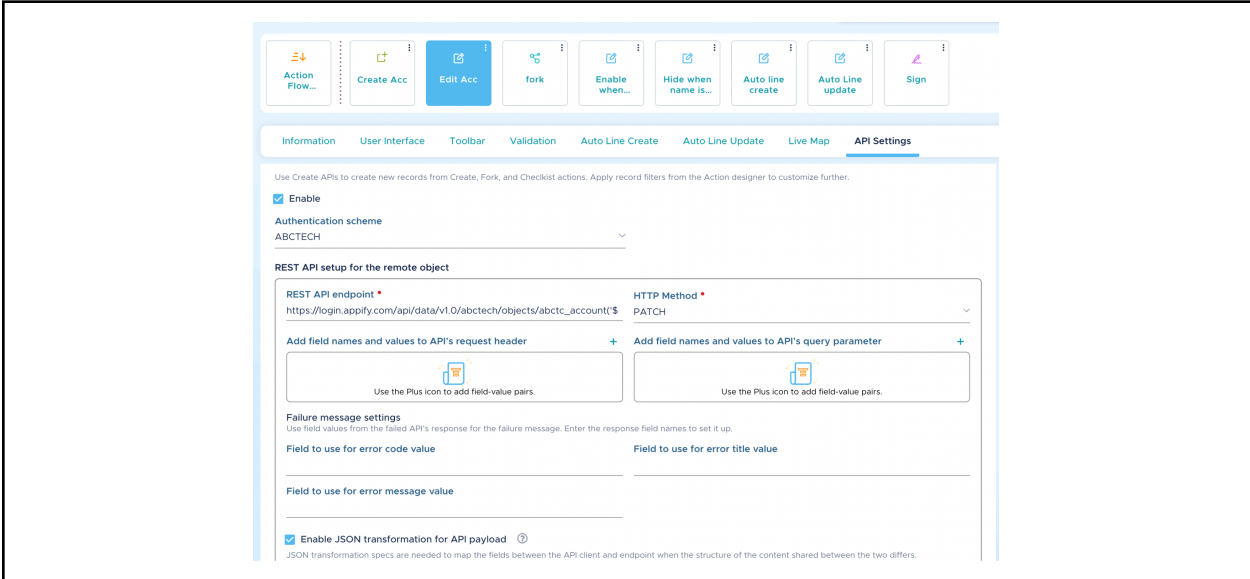


# Enhancements

## New dashboard shortcuts - View and edit action

Dashboard designer - View and Edit shortcuts settings	App - View and Edit shortcut widget
 <p>The screenshot shows the 'Dashboard designer' interface. It features a 'WIDGET PROPERTIES' panel on the right with a 'WIDGET ACTIONS' section. The 'WIDGET ACTIONS' section includes a dropdown menu with 'View' and 'Edit' options. Below the dropdown, there are fields for 'Criteria' and 'Criteria Value'. The 'Criteria' field is currently set to 'Case ID' and the 'Criteria Value' field is set to '1234567890'. There is also a 'WIDGET SHORTCUT' button.</p>	 <p>The screenshot shows the 'Back Office Dashboard' application. It features several widgets, including 'Upcoming Work Orders', 'My Assigned Cases', 'Open Cases', and 'Open Service Work Orders'. Each widget has a 'Create' button and a 'View' or 'Edit' shortcut icon. The 'Upcoming Work Orders' widget shows a list of work orders with columns for 'Today', 'Date', and 'Time'. The 'My Assigned Cases' widget shows a list of cases with columns for 'Case ID', 'Case Name', and 'Status'. The 'Open Cases' widget shows a list of cases with columns for 'Case ID', 'Case Name', and 'Status'. The 'Open Service Work Orders' widget shows a list of work orders with columns for 'Work Order ID', 'Work Order Name', and 'Status'.</p>
<p>You can now add <i>Edit</i> and <i>View</i> actions to the shortcut widget on the dashboard. Choose <i>View</i> or <i>Edit</i> 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.</p> <p>You can use the following literals in the RHS value of the criteria expression:</p> <ul style="list-style-type: none"><li>• Date literals for Date and Datetime fields</li><li>• <math>\\${USERINFO}</math> literals for all Text, Email, Phone, and Number fields</li></ul>	

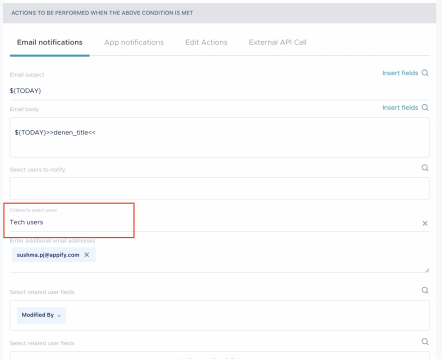
# Override object-level APIs in remote object actions



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



The screenshot shows a configuration window titled "ACTIONS TO BE PERFORMED WHEN THE ABOVE CONDITION IS MET". It has four tabs: "Email notifications", "App notifications", "Edit Actions", and "External API Call". The "Email notifications" tab is active. The configuration includes several fields: "Email subject" with the value "\${TODAY}", "Email body" with the value "\${TODAY}>>renewal\_00e<<", "Select users to notify" with the value "TWRN-LEADS" (highlighted by a red box), "Enter email addresses of recipients" with the value "southma.yd@reply.com", "Select related user fields" with the value "Modified By", and "Select related user fields" which is empty. There are "Insert fields" and "Add Protected Email Fields" buttons.

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  
**payIn\_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.