The Status Dictator

What's an Enhancement

An enhancement is a custom application developed by RPM that expands RPM's functionality. Think of enhancements as tools. Enhancements are typically generic and can be used in many different ways.

Use Case

The enhancement can be used as an efficient way to change and sync the status of multiple forms when changing the status of a single form.

For example, it can be used to update all Locations that reference a specific Order when the Order is set to an "Inactive" or "Disconnected" Status. This will save users time from having to update the Locations to an "Inactive" Status separately and ensures your data is accurate.

The Status Dictator Enhancement

The Status Dictator is a webhook event driven enhancement used to automatically update the status of multiple forms based on the status update of a single form. The workflow is based on a status mapping between parent-child Process forms. When the status of the parent form is updated, the child form(s) status will be updated in a cascading manner. Any manual changes to the child form will be overwritten if the parent form is set to specific statuses that are part of the mapping. Statuses that are not part of the status mapping will be ignored.

The Application is designed to be run in a cloud or on a web server. It consists of 1 main module: web.js. The module is responsible for receiving web-hook form events from all status map participating processes and putting them into the main processing queue. It then reads the statuses of the corresponding forms and makes changes to their children according to the status maps. The Application is initialized once using the views and keeps the forms hierarchy in memory. It will make incremental changes to it based on the web-hook events and correspondent form changes.