Common Objects Summary

The primary goals of the common objects framework is to shorten design time of routine tasks and ensure a common user experience across multiple applications.

## Utility Rules

A suite of utility rules was created to help designers with things that need to be done multiple times on a given application. The items listed below each category does not cover all functionality available.

* **Applying over common logic:**
  + Comparing CDTs by a specific field
  + Replacing a null value
  + Mathematical operators (e.g., addition, subtraction)
* **Formatting common values:**
  + SSN
  + Phone number
  + Email
* **Common validations**
  + Generic text length
  + Generic integer value
  + SSN
  + Phone number
  + Basic URL format
* **Common constants**
  + Button labels
  + Small, medium, and large batch sizes
* **Helper rules for complex components:**
  + Custom pickers
  + Multi-file upload field
* **Null safe versions of Appian OOTB functions**
  + fixed
  + round
  + dollar
* **Integrations**
  + Google Maps

## Display Rules

A suite of display rules was created to help designers ensure a consistent user experience across multiple applications.

* **Consistent Display of Inputs** - Consistently display things like label position and the required asterisk based on if something is read-only or not. Additionally, things like dropdowns will display as read-only text fields instead of having to show them disabled.



when ri!readOnly = true changes to



* **Breadcrumbs** - Allow users to create breadcrumbs with consistent formatting. Formatting aligns with Appian’s breadcrumbs



* **Actionable Links** - A set of various links of common actions an end-user would want to take when selecting data







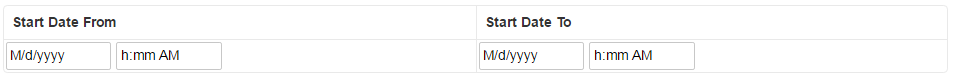
## **Formatting Links** - Links can do almost anything in Appian so using a symbol to signify what the link will do helps users make decisions

Link when clicking will change something on the current page (i.e., not navigate away from it) 

Link when clicking it will open something in a new tab - 

Link when clicking it will change the current page

## **Data Entry of Ranges** - Users often enter ranges of data (e.g., a date range) especially when entering dates



## **Collet Common Data** - Components that will collect and validate common data points like SSN and phone number



once the user navigates away it will change to (if any invalid characters were present it would also strip those)



* **Tab Creation** - Displaying multiple forms via a set of links acting as tabs

