

MultiSelect Picklist User Manual

Document Version 1.0



A Larsen & Toubro
Group Company

Contents

1. Business requirements/Challenges 3

2. Key objectives 3

3. Current Features 3

4. Benefits 4

1. Business requirements/Challenges

- The standard lightning: dualListBox is currently used to implement the multi select picklist component.
- But this standard component has only few features like add, remove, up and down and it cannot be customized to add extra features.
- This standard component cannot be used directly with multiselect picklist fields, rather we need to convert them into a list and then pass it.

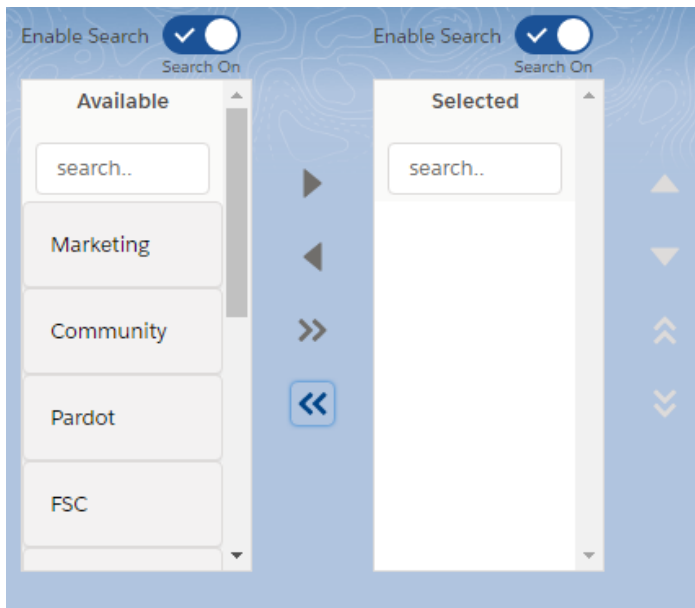
2. Key objectives

- The Custom Multi Select component will include features from standard component (add, remove, up and down) with additional features like add all, remove all, move top and move bottom and dynamic search functionality which would make searching easier.

3. Current Features

- The custom component will have add, remove, add all, remove all, up, down, top, bottom options.
- Dynamic Search feature (if needed on business requirement) can be included both sides as toggle button.
- There are two versions of it:
 1. One version for Multi Select Picklist Field which will have following parameters to pass:
 - Component Name: LTI_MultiSelectPicklistComponent
 - Event : LTI_MultiSelectPicklistEvent (Application Event)
 - Input Parameters:
 - objectName: Name of the object in which multiselect picklist field is located.
 - fieldname: Name of the multiselect picklist field.
 - ListToDisplay: This attribute of type list can be used to display values on the Selected Side of the component (right side).
 - Output Parameters:
 - OutputList: It will give the list the values that are present on the Selected Side via an Event mentioned above.
 2. The other version which would not require a multi select picklist field rather you can pass a list of values to be shown on the Available Side (left) of the component. The following parameters needed in order to use this type are:
 - Component Name: LTI_MultiSelect_ListInputComponent
 - Event : LTI_MultiSelect_ListInputEvent (Application Event).

- Input Parameters:
 - inputValuesList: This attribute of type list can be used to display values on the Available Side of the component (left side).
 - ListToDisplay: This attribute of type list can be used to display values on the Selected Side of the component (right side).
- Output Parameters:
 - OutputList: It will give the list the values that are present on the Selected Side via an Event mentioned above.



4. Benefits

- Component can be used just by passing the object name, field name for Picklist type
- Component can be used in both new and edit screens as it has the capability to display the already present selected values.
- Component can also be used just by passing a simple list which will be displayed as values to be selected.
- Dynamic Search functionality on the screen which gives users the freedom whether they want to use Search or Not.
- Move Up/Down and Move Top/Bottom functionalities are also available with the Search Outcomes.