TRAILHEAD

Exercise 2: Create Picklists and Picklist Values

A picklist holds all of the defined values for an associated attribute. Picklists in the shared catalog perform a similar function to Salesforce picklists, though they are custom objects (`API name: vlocity_cmt__Picklist__c`). Picklists are designed to be globally reusable across many attributes assigned at the object type level or at the product level, and can hold data types of text, number, boolean (true/false), date or date time. After you've created picklists, you'll assign them to their related attributes.

Scenario

Devi's ready to begin building the first components for a new product, the InfiWatch 5. Infiwave customers will want to customize certain aspects of the product in the Cart. Devi starts by creating two picklists so customers can choose the band type they want for their InfiWatch 5, and their connectivity requirements.

Goal

- Create a picklist
- Create picklist values

Tasks

1. Create a picklist for Band Type
2. Add picklist values to the Band Type picklist
3. Create and populate the Connectivity picklist

Time: 10 mins

Task 1: Create a picklist for Band Type
Create a new picklist for the smartwatch band types.

Instructions

1. From the Vlocity Product Designer navigation menu, select **Vlocity Picklists**.

2. In the Vlocity Picklists list header, click **New**.

3. In the New Vlocity Picklist dialog, enter the following information.

Property	Value	Notes
Picklist Name	`Band Type`	Customers do not see this designation, but it's important that picklist names be unique and as descriptive as possible.
Code	`PKL_BandType`	This code will help you further designate the picklist for later use, so it's helpful to make it unique. We recommend using a "PKL_" prefix followed by an alphanumeric value to help you quickly identify picklist entities.
Version Label	`v1`	The versioning label is configurable when versioning is enabled (EPC license required) and is used to manage future changes to the picklist. Specify the version, such as "1.0" for the first iteration of the picklist and increment this number for each subsequent iteration.
Data type	**Text**	Picklist values can be text, number, Boolean (true or false), date, or datetime. Note that these values are stored as text, regardless of the data type you select.
Description	`Wearables Band Types`	Provide an optional explanation of the picklist's purpose or its association with a catalog offering.

Lifecycle Status	**Draft**	This property (available with an EPC license) is used to track the lifecycle of the picklist. By default, new versions are set to a "Draft" status, which allows you to make changes behind the scenes before making them visible to customers.
Active	✔	A selected Active checkbox indicates that the picklist is available for use across Shared Catalog.
Effectivity From	**[today's date]**	Effectivity dates specify the time range a picklist is usable. Select today's date in the Effective From field to make it effective immediately.
Effective Until	**[leave blank]**	When left blank, the picklist will be effective indefinitely.

The picklist fields above are only visible at design-time. In other words, none of the information entered above will be visible at run-time to customers during order capture.

4. Select **Done**. You will see a green success message and your new picklist is created.

Task 2: Add picklist values to the Band Type picklist

Now that your picklist is created, you need to populate it with values. The band types available to customers are: Sports, Utility, Leather, and Chrome. Follow best practices to add these picklist values to the PKL_BandType picklist.
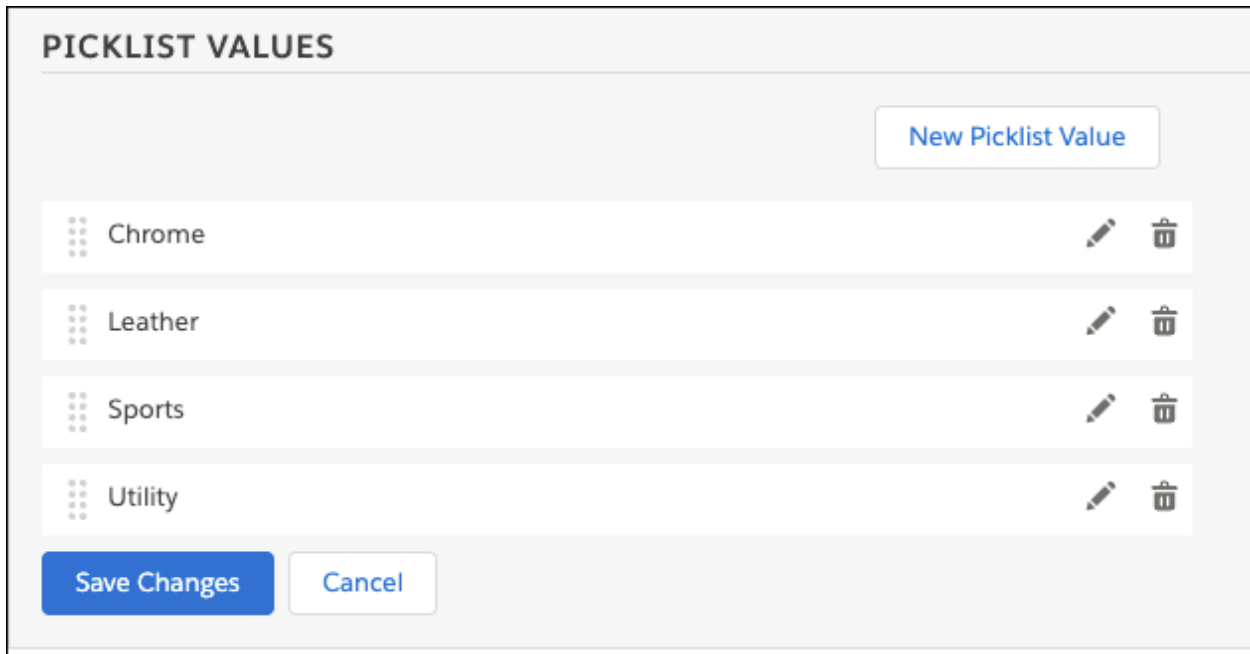
Instructions

1. Scroll down the Band Type Picklist workspace to view the **PICKLIST VALUES** section and click **New Picklist Value**.

2. In the **PICKLIST VALUES** settings for the new picklist value, enter the following information.

Property	Value	Notes
Value	`Sports`	This value must be unique and will be evaluated programmatically, such as in the Industries Order Management decomposition process. The data type of this field is set by the picklist data type. Because you specified a text data type on the picklist, you have a text entry field on the value.
Label	`Sports`	This descriptive label is visible to the user at run-time in the Cart.
Code	`PLI_Sports`	This value does not need to be unique. The `PLI_` prefix is recommended to help identify it as a picklist item.
Abbreviation	**[leave blank]**	This field is optional and is used to abbreviate the label text, when needed.
Effective From	**[today's date]**	
Effective Until	**[leave blank]**	
Active	✔	

3. Select **Done**. You will see a green success message and the newly created Sports picklist value in the PICKLIST VALUES pane.

4. Repeat the above steps to add the rest of the picklist values for the Band Type picklist, ensuring each is active and effective from today's date.

Value	Label	Code
Utility	Utility	`PLI_Utility`
Leather	Leather	`PLI_Leather`
Chrome	Chrome	`PLI_Chrome`

5. Rearrange the order of the picklist values so they display in alphabetical order by dragging and dropping the picklist values using the 8 dots icon to the left of each value then, once you're done, click **Save Changes**.

PICKLIST VALUES

New Picklist Value

Chrome

Leather

Sports

Utility

Save Changes   Cancel

6. Close the workspace by clicking the **X** next to the **Band Type** tab at the top of the Vlocity Product Designer.

Task 3: Create and populate the Connectivity Picklist

Now you're an expert on creating picklists, it's time to tackle one on your own!

Create the **Connectivity** picklist, based on the following information:

Field	Value
Picklist Name	Connectivity
Code	PKL_Connectivity
Description	Wearable connectivity options
Version Label	v1
Data Type	**Text**
Active	✓
Effective From	**[today's date]**

Populate your Connectivity picklist with the following values, ensuring they're active and effective from today. Ensure they are displayed in the order shown below.

Value	Label	Code
GPS	GPS	PLI_GPS
GPS Cellular	GPS + Cellular	PLI_GPS_Cell

Great job on creating your first picklists! In the next exercise, you'll put these picklists to work by linking them to product attributes.

Yay! All done!