## You

In power apps, how can I create a global variable that stores a dynamic list of strings?

## Copilot

Certainly! In Power Apps, you can create a global variable to store a dynamic list of strings. Here's how:

1. **Global Variables**:
   * Global variables are accessible across all screens within a Power Apps app.
   * To create a global variable, use the Set function. For example:
   * Set(global\_variable, "Example")
   * Replace "Example" with your desired string value.
2. **$-String Syntax (Optional)**:
   * If you want to concatenate text strings, consider using the new $-String syntax.
   * Place a dollar sign ($) in front of the text string's quotation marks and use curly braces ({}) for expressions (functions, formulas, or variables) that might change1.

Remember to adapt these steps to your specific use case! 😊

Learn more: 1. www.matthewdevaney.com 2. learn.microsoft.com 3. hkrtrainings.com 4. learn.microsoft.com 5. www.about365.nl

How do I store an array or list in power apps?

Certainly! In Power Apps, you can create a **global variable** to store an array or list. Additionally, you can use **collections** to temporarily store data within your app. Let me explain both approaches:

1. **Global Variables**:
   * **Global variables** are accessible across all screens within a Power Apps app.
   * To create a global variable, use the Set function. For example:
   * Set(global\_variable, ["Item1", "Item2", "Item3"])

Replace ["Item1", "Item2", "Item3"] with your desired list of strings.

1. **Collections**:
   * A **collection** is a group of items or an array that helps store data in Power Apps memory.
   * You can create a collection using the Collect function. For instance:
   * Collect(MyCollection, { Name: "John", Age: 30 }, { Name: "Alice", Age: 25 })

Replace { Name: "John", Age: 30 }, { Name: "Alice", Age: 25 } with your data records.

Remember to adapt these methods based on your specific use case! 😊1 2

Learn more:

1. [www.spguides.com](https://www.spguides.com/powerapps-collection/)
2. [hkrtrainings.com](https://hkrtrainings.com/powerapps-variables)
3. [debajmecrm.com](https://debajmecrm.com/how-to-get-an-item-from-an-array-collection-or-table-by-index-in-power-apps-canvas-app/)
4. [www.arrayasolutions.com](https://www.arrayasolutions.com/insights/blog/2021/step-by-step-sharepoint-list-data-management-with-power-apps/)
5. [www.about365.nl](https://www.about365.nl/2020/01/29/using-variables-and-collections-in-power-apps/)
6. [www.youtube.com](https://www.youtube.com/watch?v=eRCnuCxqGk0)
7. [learn.microsoft.com](https://learn.microsoft.com/en-us/power-apps/maker/canvas-apps/working-with-variables)
8. [learn.microsoft.com](https://learn.microsoft.com/en-us/power-platform/power-fx/reference/function-concatenate)
9. [www.matthewdevaney.com](https://www.matthewdevaney.com/strings-a-better-way-to-concatenate-text-strings-in-power-apps/)
10. [bing.com](https://bing.com/search?q=Power+Apps+store+array+list)
11. [www.dmcinfo.com](https://www.dmcinfo.com/latest-thinking/blog/id/10544/the-ultimate-guide-to-using-arrays-in-power-automate)

## You

How do I add or remove from a collection when a button is clicked?

## Copilot

Certainly! To add or remove items from a collection in Power Apps when a button is clicked, follow these steps:

1. **Create a Collection**:
   * First, create a collection to store your data. You can do this in the app's **OnStart** property using the Collect function. For example:

PowerApps

OnStart = Collect(MyCollection, { Name: "John", Age: 30 }, { Name: "Alice", Age: 25 })

Replace the sample data with your own records.

1. **Add Items to the Collection**:
   * To add items when a button is clicked, use the Collect function again. For instance:

PowerApps

OnSelect (ButtonAdd) = Collect(MyCollection, { Name: "NewPerson", Age: 40 })

This adds a new record to the collection.

1. **Remove Items from the Collection**:
   * To remove an item when a button is clicked, use the Remove function. For example:

PowerApps

OnSelect (ButtonRemove) = Remove(MyCollection, { Name: "Alice" })

This removes the record with the specified criteria (in this case, the person named "Alice").

Remember to adjust the collection name and field names according to your specific scenario! 😊1 2

Learn more:

1. [www.spguides.com](https://www.spguides.com/powerapps-collection/)
2. [www.arrayasolutions.com](https://www.arrayasolutions.com/insights/blog/2021/step-by-step-sharepoint-list-data-management-with-power-apps/)
3. [www.spguides.com](https://www.spguides.com/add-item-to-collection-powerapps/)
4. [powerusers.microsoft.com](https://powerusers.microsoft.com/t5/Building-Power-Apps/Issue-to-add-remove-item-to-collection-with-button/td-p/1908276)
5. [blog.mydock365.com](https://blog.mydock365.com/a-basic-guide-to-creating-and-using-collections-in-powerapps)
6. [sharepoint.stackexchange.com](https://sharepoint.stackexchange.com/questions/293411/how-to-change-the-combo-box-selected-value-on-button-click-in-power-apps)
7. [bing.com](https://bing.com/search?q=Power+Apps+store+array+list)
8. [www.dmcinfo.com](https://www.dmcinfo.com/latest-thinking/blog/id/10544/the-ultimate-guide-to-using-arrays-in-power-automate)
9. [learn.microsoft.com](https://learn.microsoft.com/en-us/power-apps/maker/canvas-apps/working-with-variables)
10. [hkrtrainings.com](https://hkrtrainings.com/powerapps-variables)
11. [learn.microsoft.com](https://learn.microsoft.com/en-us/power-platform/power-fx/reference/function-concatenate)
12. [www.about365.nl](https://www.about365.nl/2020/01/29/using-variables-and-collections-in-power-apps/)
13. [www.matthewdevaney.com](https://www.matthewdevaney.com/strings-a-better-way-to-concatenate-text-strings-in-power-apps/)

## You

How can I etrieve the last string in a collectiomn in power apps?

## Copilot

To retrieve the last record from a collection in Power Apps, you can use the Last function. Here's how:

1. **Create a Collection**:
   * First, create a collection to store your data. For example, you can use this formula in the **OnStart** property of a button:

PowerApps

OnStart = Collect(MyCollection, { Flavor: "Chocolate" }, { Flavor: "Vanilla" }, { Flavor: "Strawberry" })

Replace the sample data with your own records.

1. **Retrieve the Last Record**:
   * To get the last record from the collection, use the Last function:

PowerApps

Last(MyCollection)

This will return the last record (in this case, the flavor "Strawberry").

Remember to adapt the collection name and field names according to your specific scenario! 😊 1 2

Learn more:

1. [learn.microsoft.com](https://learn.microsoft.com/en-us/power-platform/power-fx/reference/function-first-last)
2. [powerappsguide.com](https://powerappsguide.com/blog/post/how-to-return-the-last-record-from-a-table)
3. [www.spguides.com](https://www.spguides.com/get-last-item-id-in-sharepoint-list-based-on-current-user-in-power-apps/)
4. [www.matthewdevaney.com](https://www.matthewdevaney.com/powerapps-collections-cookbook/get-the-last-rows-of-a-collection/)