

# OBJECT STATES ASSISTANT

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Automation  
www.automation.com  
support@automation.com

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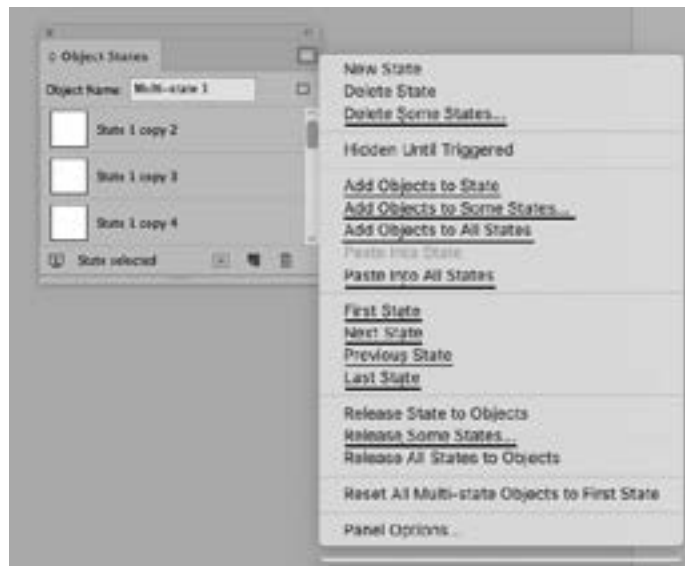
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# Welcome to Object States Assistant

Object States Assistant (OSA) is a script for Adobe InDesign that adds new functionalities to the Object States panel improving the user experience. OSA provides the following features:

- Improves state navigation by menu items or keyboard shortcuts.
- Adds objects to all states in a single operation.
- Adds objects to multiple states in a single operation.
- Pastes objects into all states in a single operation.
- Removes multiple states in a single operation.
- Releases multiple states in a single operation.
- Retains the “State” actions after Copy and Paste.
- Adds an easy way to increment the state of a “Go to State” button action using “Step and Repeat”.



## System Requirements

Adobe [InDesign 2019 or Later](#)(Mac OS or Windows)  
PDF Reader Application ([Adobe Acrobat Reader](#)).

# Installing Object States Assistant

## Installation/Update

*Adobe has discontinued Adobe Extension Manager, it means that you cannot install Multi-Find/Change in Adobe InDesign.*

### *Installation Procedure*

- *Download ObjectStatesAssistant.zip*
- *Extract the folder ObjectStatesAssistant from ObjectStatesAssistant.zip*

#### *Mac OS*

- *Double-click ObjectStatesAssistant.zip*

#### *Windows*

- *Right-click on ObjectStatesAssistant.zip, and then choose Extract All*
- *When presented with the Extraction Wizard dialog box, click Next*
- *Use the default location (the current directory)*
- *When the extraction is complete, click Finish*
- *Quit Adobe InDesign*
- *Copy the ObjectStatesAssistant folder into the Scripts folder that's inside Adobe InDesign Application folder*

## Uninstall Object States Assistant

- Quit Adobe InDesign
- Remove/delete the ObjectStatesAssistant from the Scripts folder that's inside the Adobe InDesign application folder.

## Getting Started

Object States Assistant adds several menu item commands to the “Object States” panel menu.

### Assigning a shortcut to the OSA menu items in the Object States panel menu

- Choose [Edit > Keyboard Shortcuts](#).
- Choose [Product Area > Panel Menu](#).
- Choose any of the following commands from the Commands list:

[Object States: Delete Some States...](#)

[Object States: Add Objects To Some States...](#)

[Object States: Add Objects To All States](#)

[Object States: Paste Into All States](#)

[Object States: First State Object](#)

[States: Previous State](#)

[Object States: Next State](#)

[Object States: Last State](#)

[Object States: Release Some States...](#)

- In the [New Shortcut](#) field, press the keys for your new keyboard shortcut. If the key sequence is currently being used for another command, InDesign displays that command under Current Shortcuts. Click the [Assign](#) button to create a new shortcut.

### Adding Objects to All States of a Multi-State Object

- 1 – Select a multi-state object and the objects you wish to add.
- 2 – Choose “Add Object to All States” from the “Object States” panel menu.



**Adding Objects to Some States of a Multi-State Object**

- 1 – Select a multi-state object and the objects you wish to add.
- 2 – Choose “Add Object to Some States...” from the “Object States” panel menu.
- 3 – In dialog box, select the states you wish to add the objects and then click “OK”.



To select multiple states use, Shift-click to select contiguous states; Command-click [Mac OS] or Ctrl-click [Windows] to select states that are not adjacent. Command-click [Mac OS] or Ctrl-click [Windows] can also be used to deselect states.


**Deleting Some States of a Multi-State Object**

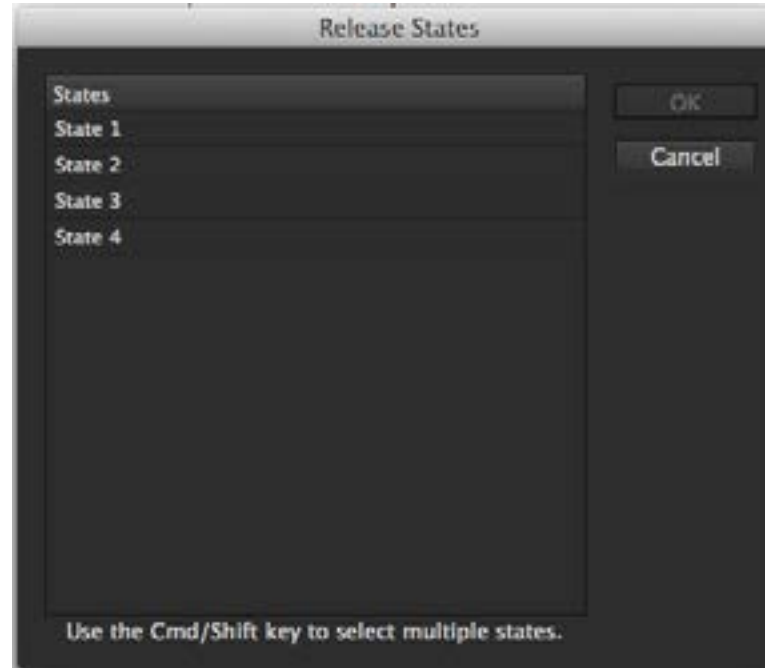
- 1 – Select a multi-state object.
- 2 – Choose “Remove Some States...” from the “Object States” panel menu.
- 3 – In dialog box, select the states you wish to delete and then click “OK”.



To select multiple states use, Shift-click to select contiguous states; Command-click [Mac OS] or Ctrl-click [Windows] to select states that are not adjacent. Command-click [Mac OS] or Ctrl-click [Windows] can also be used to deselect states

### Releasing Some States of a Multi-State Object

- 1 – Select a multi-state object.
- 2 – Select the OSA panel and click the [Release Some States](#) button  (Alternatively you can choose “Release Some States...” from the “Object States” panel menu).
- 3 – In dialog box, select the states you wish to release and then click “OK”.







To select multiple states use, Shift-click to select contiguous states; Command-click [Mac OS] or Ctrl-click [Windows] to select states that are not adjacent. Command-click [Mac OS] or Ctrl-click [Windows] can also be used to deselect states

### Paste Objects into All States of a Multi-State Object

- 1 – To paste objects into all states, cut or copy one or more objects.
- 2 – Select a multi-state object.
- 3 – Select the state in the “Object States” panel, and choose [Paste into All States](#) from the “Object States” panel menu.

### Navigate Through the States of a Multi-State Object

Select a multi-state object and then select the OSA panel

- Click the [First State](#) button  to select the first state of the multi-state object.
- Click the [Previous State](#) button  to select the previous available state of the multi-state object.
- Click the [Next State](#) button  to select the next available state of the multi-state object.
- Click the [Last State](#) button  to select the last state of the multi-state object.

### Create buttons that target all states of a Multi-State Object

- 1 – Create a button.
- 2 – Add a “Go to State” action (preferably select the first state of the multi-state object you are targetting).
- 3 – Choose Edit > Step and Repeat...
- 4 – For Repeat Count, specify how many duplicates you want to make, not counting the original.
- 5 – For Horizontal Offset and Vertical Offset, specify how far to shift the position of each new duplicate from the previous duplicate along the x and y axes, respectively, and click OK.
- 6 – In the dialog box [Step & Repeat Additional Info](#), select “Next State” to increment the states in the “Go To State” action(s) (or select “Previous State” to decrement” the states).

