# **Custom Functions**

DISPLAYFUSIONBINARYFORTRESS

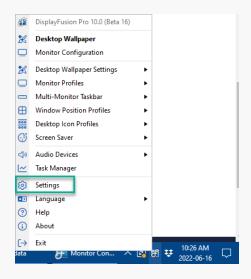
# **Custom Functions**

DisplayFusion has many built-in Functions for moving, sizing, or otherwise manipulating program windows. If you have a particular need that can't be fulfilled by the built-in Functions, you can also create custom Functions.

### **Create a Custom Function**

The basic steps for creating a custom Function are as follows:

Right-click the DisplayFusion tray icon and click "Settings."



 Select the "Functions" tab, click the "Custom Function" dropdown and select the "Add Custom Function" option.

Options	Custom Function   Scripted Function	Edit	Delete
Functions	+ Add Custom Function		Delete
Triggers	TH Export Custom Function	filter	
🚥 Taskbar	ti Import Custom Function	Key Combination	] <u>≔ t</u> ≘ ^
Windows 10	🖾 Launch Notepad		Ť
B Windows Lock Screen	D¶ Move Somewhere	Shift + Ctrl + 1	
Screen Saver	- Scripted Functions		~
Monitor Fading	Randomly Load a Wallpaper Profile Save/Restore Window Positions on Sleep/Resume		HT.
Window Snapping	- Window Move/Size		
Window Management	C Minimize All Windows Except Current Window (All Monitors)		EE.
A Mouse Management	Minimize All Windows Except Current Window (Current Monitor)  Move All Windows to Current Monitor	-	
C Alt+Tab	Move All Windows to Current Monitor		
Window Position Profiles	Down Window to Bottom-Right Corner and Size 50%		
Desktop Icon Profiles	Move Window to Center of Monitor		
Remote Control	Move Window to Center of Monitor and Size to 75%     Move Window to Current Monitor		
-	Move Window to Current Monitor and Maximize		~
① Compatibility	Add TitleBar Button Add to Jump List Reset	All Functions Clear All Key C	ombinations
D Languages	Enable TitleBar Buttons (show these buttons on each window)		
🔑 License Key	Condense TitleBar Buttons to take up less space		
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i) About			

2.

1. Name your Function.

Create Function • DisplayFusion Pro 10.0 (Beta 16)		
<u>Name:</u>	Key Combination:	Edit
Function Action:		Euit
Manage Window 🗸		
Custom Function Actions		
Window Screen Action:		
Keep window on same monitor	•	
Window Alignment:		
Don't move the window	•	
Window Width Change:		
Don't change window width	•	
Window Height Change:		
Don't change window height	▼	
Drag this icon to a target window to create a Function	tion automatically with the selected win	dow's size and
?) Help 🔻	OK	Cancel

🔀 Create Function • DisplayFusion Pro 10.0 (Beta 16)	
Function	
Name: Key Combinati	ion: 2
Function Action:	Edit
Manage Window	
Custom Function Actions	
Window Screen Action:	
Keep window on same monitor	
Window Alignment:	
Don't move the window 🔹	
Window Width Change:	
Don't change window width 🔹	
Window Height Change:	
Don't change window height	
Drag this icon to a target window to create a Function automatically with the location	selected window's size and
Help	OK Cancel

Name:	Key Combination:	
<u></u> une		Edit
Function Action:		
Manage Window	3	
Manage Window		
Toggle Window Transparency		
Move Mouse Cursor to Center of Monitor #X		
Move Mouse Cursor to Specified Location		
Launch Application	-	
Window Alignment:		
Don't move the window	•	
Window Width Change:		
Don't change window width	•	
Window Height Change:		
Don't change window height	▼	
Drag this icon to a target window to create a Fun location	ction automatically with the selected window's	size and

3. Select the Function Action

Click "Edit" to assign a Hotkey (optional)

### **Custom Function Actions**

Each Function Action option has its own additional configuration options. Selecting the Function Action from the dropdown alters the Create Function window as shown below.

#### Manage Window

"Manage Window" options are for moving and resizing the selected window.

The "Window Screen Action" dropdown addresses the larger movement and sizing options, such as moving the window to a specified monitor and altering its size.

🖹 Create Function • DisplayFusion Pro 10.0 (Beta 16)	×
Function	
<u>N</u> ame:	Key Combination:
	- Edit
Function Action:	
Manage Window	▼
Custom Function Actions	
Window Screen Action:	
Keep window on same monitor	<b>v</b>
Keep window on same monitor	
Move Window to Next Monitor	
Move Window to Previous Monitor	
Move window to monitor #X	
Move window to monitor #X and size proportionally	
Move window to monitor #X and maximize	
Move window to monitor #X and minimize	
Move all windows to monitor #X	
Move window to specified location	
Move Window to Current Monitor	
Move Window to Primary Monitor	tically with the selected window's size and
location	
⑦ Help ▼	OK Cancel

The other dropdowns allow for more detailed window alignment and sizing configurations.

Create Function • DisplayFusion Pro 10.0 (Beta 16)	:
Function	
Name:	Key Combination:
	- Edit
Function Action:	
Manage Window 🔻	
Custom Function Actions	
Window Screen Action:	
Keep window on same monitor	<b>•</b>
Window Alignment:	
Don't move the window	×
Window Width Change:	
Don't change window width	•
Window Height Change:	
Don't change window height	•
Drag this icon to a target window to create a Function	tion automatically with the selected window's size and
) Help ▼	OK Cancel

For exact positioning, drag the blue target icon onto the window at its current and desired location. You'll see the X, Y, Width and Height values automatically populate.

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	🥼 Working with Custom Functions 🗙 🕂	
	C a display/usion.com/Discussion free/working-with-custom-functions/1D=82cld79c-4b4/-4320-9685	
	M Great 🚹 85	
	How To Create a Custom Function	
Create Function - Displayfusion Pro 10.0 (Rets 10)     X	How to create a custom Function	
- function	To examine stress for creating a custom Function are as follows:	
Barre Key Combination		
· 12	<ol> <li>Open the DisplayFusion Settings &gt; Functions tab.</li> </ol>	
Function Actions Manage Window	2. Click the 'Add Custom' button.	
	3. In the Name' box, enter a name for your Function. This name will show up in the list of Functions, as well as the Function list in the Win Location rules, and when hovering over the TitleBar Button (if you enable the TitleBar Button for this Function).	
- Custom Function Actions Window Screen Actions	4. If you'd like to run this Function using a keyboard shortcut, click the 'Edit' button next to the 'Key Combination' box. Then select the mod	
Visidow screen Action: Keep window on same monitor	by clicking them with your mouse (selected ones will turn blue), choose a keyboard key to go along with the modifiers, and click OK.	
	<ol> <li>Choose an action from the Function Action drop-down.</li> <li>Configure the settings specific to that Function Action in the 'Custom Function Actions' section. If you've chosen the 'Manage Window'</li> </ol>	
Window Abgement	b. Compare the entropy spectra to that Particular Action in the Laster's Particular Actions enclose a voltage entropy of the entropy of the entropy with the	
Don't change window width	7. Click OK when you're done configuring the Function.	
enterdow Height Change	8. If you'd like to run this Function from a TitleBar Button, select it in the list of Functions and click the Toggle TitleBar Button button.	
Don't charge Window height		
Grant Sing this icon to a target window to create a Function automatically with the selected window's size and location	Custom Function Examples	
() Help • OK Cancel	The Toggle Window Transparency, "Launch Application," and 'Move Mouse Cursor' Function Actions are pretty self-explanatory, so well skip th	
	Here are some screenshots for a few examples using the more comprehensive 'Manage Window' Function Action:	
	Create Function • DisplayFusion Pro v5.1.1 (Beta 2)	
	Fundion	
	Name: Key Combination: How window to owner of Mantar 2 and specia 70104-9014 - 014 - 01 - 01	
	Note watco is cannot a manual cana special /2004/02/W (2004-020+11) (200	

<u>N</u> ame:	Key Combination:
	- Edit
Function Action:	
Manage Window	•
Sustom Function Actions	
Window Screen Action:	Position X:
Move window to specified location	▼ 2673 €
Window Alignment:	Position Y:
Don't move the window	v 0 ×
Window Width Change:	Width Value:
Change window width to specified pixel value	▼ 1079 ▲
Window Height Change:	Height Value:
Change window height to specified pixel value	▼ 1033 ▲
Drag this icon to a target window to create a Fun location	action automatically with the selected window's size and

#### Toggle Window Transparency

This option will alter the transparency of the window using increments from 0 to 100.

Create Function • DisplayFusion Pro 10.0 (Beta 16)		×
- Function <u>N</u> ame:	Key Combination:	Edit
Function Action: Toggle Window Transparency	Transparency (100=solid):	cuit
⑦ Help ▼	ОК	Cancel

#### Move Mouse Cursor to Center of Monitor #X

This option moves the mouse cursor to the centre of a monitor of your choosing. Select the monitor or split from the Monitor preview.

Name:	Key Combination:	
	- Edit	
Function Action:		
Move Mouse Cursor to Center of Monitor #X	•	
ustom Function Actions		
Window Screen Action:	Monitor:	
Move window to specified location	•	.2
Window Alignment:	1 2.1 2	_
Don't move the window	·	
Window Width Change:		
Change window width to specified pixel value	Ŧ	
Window Height Change:		
Change window height to specified pixel value	T	
	ection automatically with the selected window's size a	and

#### Move Mouse Cursor to Specified Location

This option moves the cursor to an exact location, specified by X and Y values.

角 Create Function • DisplayFusion Pro 10.0 (Beta 16)	×
Function	2ª
Name:	Key Combination:
	- Edit
Function Action:	
Move Mouse Cursor to Specified Location	
Custom Function Actions	
Window Screen Action:	Position X:
Move window to specified location	- 2673
Window Alignment:	Position Y:
Don't move the window	▼ 0 ↓
Window Width Change:	
Change window width to specified pixel value	<b>v</b>
Window Height Change:	
Change window height to specified pixel value	$\nabla$
Drag this icon to a target window to create a Function	ion automatically with the selected window's size and
? Help ▼	OK Cancel

#### Launch Application

This option lets you specify an application to launch. Click the "Select Application" button to choose from a list. You can also "Browse" for the file or drag the blue target over an open window to select its process file / executable file.

🌮 Create Function • DisplayFusion Pro 10.0 (Beta 16)	<b>•</b>	×
Function		
<u>N</u> ame:	Key Combination:	Edit
Function Action:		
Launch Application 🔻		
Launch Application Settings		
Application:		
	Selec	t Application
Application Parameters:		
⑦ Help ▼	ОК	Cancel

Application	Path	
- Desktop Applications		~ ~ ~
All Applications	*.*	
A-Volute NS	C:\Users\MattSullyBF\AppData\Locaf\	NhNotifSys\sonicstudio\asusns.exe
AcPowerNotification	C:\Program Files (x86)\ASUS\Armoury	Device\dll\AcPowerNotification\AcPowerNotification.exe
ARMOURY CRATE User Session Helper	C:\Program Files\ASUS\ARMOURY CR	ATE Service\ArmouryCrate.UserSessionHelper.exe
ArmourySocketServer	C:\Program Files (x86)\ASUS\Armoury	Device\dll\ArmourySocketServer\ArmourySocketServer.exe
ArmourySwAgent	C:\Program Files (x86)\ASUS\Armoury	Device\dll\SwAgent\ArmourySwAgent.exe
ASUS NodeJS Web Framework	C:\Program Files (x86)\ASUS\Armoury	Device\asus_framework.exe
ASUS Optimization Startup Task	C:\Windows\System32\DriverStore\Fil	eRepository\asussci2.inf_amd64_5e38ce8081e93b46\ASUSOpti
ASUS Software Manager Agent	C:\Windows\System32\DriverStore\Fil	eRepository\asussci2.inf_amd64_5e38ce8081e93b46\ASUSSoft
📝 CTF Loader	C:\Windows\System32\ctfmon.exe	
🗊 DisplayFusion	C:\Program Files (x86)\DisplayFusion\	DisplayFusion.exe
🗊 DisplayFusion Settings	C:\Program Files (x86)\DisplayFusion\	DisplayFusionSettings.exe
Uropbox	C:\Program Files (x86)\Dropbox\Clien	t\Dropbox.exe
File Explorer	C:\Windows\explorer.exe	
FileZilla FTP Client	C:\Program Files\FileZilla FTP Client\fi	lezilla.exe
💿 Google Chrome	C:\Program Files\Google\Chrome\Ap	plication\chrome.exe
G GPU Power Saving Toast	C:\Program Files\ASUS\ARMOURY CR	ATE Service\GPUPowerSavingPlugin\GPU Power Saving.exe
🚰 igfxEM Module	C:\Windows\System32\DriverStore\Fil	eRepository\cui_dch.inf_amd64_d70b02a5a438df3c\igfxEM.exe
Malwarebytes Tray Application	C:\Program Files\Malwarebytes\Anti-I	Malware\mbamtray.exe
		filter
Program Berger Berge	t window's process in the list automatically	Browse OK Cancel

- When finished configuring your Custom Function, click "OK."
- To add your Custom Function to windows as a TitleBar Button, select the Function from the list and click "Add TitleBar Button." The "Enable TitleBar Buttons" checkbox must be enabled.

Options	Custom Function		Edit	Delete
Functions	Custom runction + Scripted runction +		Edit	
Triggers	Enable Key Combinations		filter	
🚥 Taskbar	Name	Key Comb	pination 💾	≣ t≣ ^
Windows 10	Custom Functions			<u> </u>
Windows Lock Screen	Custom Function I			
-	D Move Somewhere	Shift + Ct	a	
3 Screen Saver		Shint + Ch	11 T	
III Monitor Fading	Scripted Functions     Randomly Load a Wallpaper Profile			_~
Window Snapping	Save/Restore Window Positions on Sleep/Resume			ΕE
Window Management	- Window Move/Size			<b>&gt;</b>
Mouse Management	C Minimize All Windows Except Current Window (All Monitors)			EE.
Alt+Tab	Move All Windows to Current Monitor	2		
H Window Position Profiles	Move Window to Bottom-Left Corner and Size 50%	-		
	Move Window to Bottom-Right Corner and Size 50%	-		
Desktop Icon Profiles	Move Window to Center of Monitor	1.00		
Remote Control	(iii) Move Window to Center of Monitor and Size to 75%	-		
Compatibility	Add TitleBar Button 2 Add to Jump List Reset All Function	·	<i>a</i>	¥
Languages	Add litleBar Button Z Add to Jump List Reset All Function	ns	Clear All Key Com	binations
License Key	Enable TitleBar Buttons (show these buttons on each window)			
	Condense TitleBar Buttons to take up less space			
Our Apps				
Froubleshooting				
About	Drag the TitleBar Buttons to re-order them			

• Select the button style by choosing the Image Set and Image from the dropdowns, then click "OK."

🔀 Edit TitleBar Button • DisplayFusion Pro 10.0 (Beta 16)	×
TitleBar Button Image <u>S</u> et:	
Windows Aero	•
TitleBar Button <u>I</u> mage:	
📾 Windows Aero - Toggle Window Transparency	•
⑦ Help ▼     Default     OK     Cancel	

 To apply and save your Custom Function changes, click "OK."

🔯 Options		
Functions	Custom Function	Edit Delete
Triggers	Enable Key Combinations	filter
- Taskbar	Name Key C	Combination 🔚 \Xi 🔚 ^
Windows 10	Custom Functions	~
	Custom Function 1 -	
2a Windows Lock Screen	D Launch Notepad -	
🕑 Screen Saver		+ Ctrl + 1
Monitor Fading	Scripted Functions     Randomly Load a Wallpaper Profile     -	~
Window Snapping	Save/Restore Window Positions on Sleep/Resume	te:
- Window Management	Window Move/Size	~
🖰 Mouse Management	Minimize All Windows Except Current Window (All Monitors)	EE.
🔁 Alt+Tab	S Move All Windows to Current Monitor	
H Window Position Profiles	Move Window to Bottom-Left Corner and Size 50%     Move Window to Bottom-Right Corner and Size 50%	
Desktop Icon Profiles	More Window to Bottom Agin Comer and Size 50%	
2 Remote Control	Move Window to Center of Monitor and Size to 75%	
Compatibility	JEI Move Window to Current Monitor -	•
Languages	Remove TitleBar Button Add to Jump List Reset All Functions	Clear All Key Combinations
🖉 License Key	Enable TitleBar Buttons (show these buttons on each window)     Condense TitleBar Buttons to take up less space	
Our Apps		
🔑 Troubleshooting		
(i) About	Drag the Title	

### Examples

unction	
Name:	Key Combination:
ove Window to centre of Monitor 2 and resize	- Edit
Function Action:	
Manage Window 🔻	
Custom Function Actions	
Window Screen Action:	Monitor:
Move window to monitor #X	•
Window Alignment:	
Window Alignment: Move Window to Center of Monitor	
Window Width Change:	Width Value:
Change window width to specified percentage	▼ 75.00
Window Height Change:	Height Value:
Change window height to specified percentage	¥ 60.00 ÷
Drag this icon to a target window to create a Functi location	ion automatically with the selected window's size a

Move the window to the centre of monitor 2 and size to 75% width and 60% height

unction	
Name:	Key Combination:
Span window across Monitors	- Edit
Function Action:	
Manage Window	r
ustom Function Actions	
Window Screen Action:	Monitor:
Move window to monitor #X	•
Window Alignment:	1 2
Move window to top-left corner of monitor	▼
Window Width Change:	Width Value:
Change window width to specified percentage	▼ 200.00 ÷
Window Height Change:	Height Value:
Change window height to specified percentage	▼ 100.00 🗘
Drag this icon to a target window to create a Fund location	ction automatically with the selected window's size and

Span the window across only 2 monitors in a 3 monitor setup

anction	K 6 11 K	
Name:	Key Combination:	
Move window to current monitor and resize	- Edi	t
Function Action:		
Manage Window	•	
ustom Function Actions		
Window Screen Action:		
Move Window to Current Monitor	•	
Window Alignment:		
Move Window to Center of Monitor	•	
Window Width Change:	Width Value:	
Change window width to specified pixel value	▼ 800 +	
Window Height Change:	Height Value:	
Change window height to specified pixel value	▼ 600 €	
Drag this icon to a target window to create a Fun	nction automatically with the selected window's size	e an

Move window to current monitor and size to 800px width and 600px height

# **About DisplayFusion**

DisplayFusion gives users power and precision over their multi-monitor setup, with automation and customization options to create the perfect displays, every time.

To learn more about DisplayFusion, visit: https://www.displayfusion.com

# **About Binary Fortress Software**

Binary Fortress has spent 18 years in pursuit of one goal: create software to make life easier. Our software ranges from display management and system enhancement utilities to monitoring tools and digital signage. IT administrators, professional gamers, coffee-shop owners, and MSPs all rely on Binary Fortress to make their days better, and their lives easier.

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