#### **Creating Win 10 Electric Shortcut**

September 12, 2020

The following was performed on 64 bit Windows 10 Home Version 2004 OS build 19041.508.

1. If Java SE Runtime Environment (8u261), Java 3D (1.5.1), and Electric (9.07) are not already installed, see "Java 3D Install 09-12-2020.docx" at:

https://groups.google.com/g/electricvlsi/c/blRSuawo4lA/m/4UBIzOoVBAAJ

Installing Software Extra Plugin

2. Go to:

http://www.staticfreesoft.com/productsFree.html

#### 3. Download the Software extras: electricSFS-9.07.jar

4. Place electricSFS-9.07.jar in the Electric folder:



# Create a Windows Shortcut to Run Electric with the Software Extra Plugin

# 5. Right-click and select New $\rightarrow$ Shortcut:

📕   🕑 📙 🖛   Elec	tric						– 🗆 X
File Home	Share View						~ 🕐
Pin to Quick Copy Paste Clipboard Copy path Clipboard Copy Paste Clipboard Copy Paste Copy Paste		velete Rename	New folder	New item •	Properties Without Open	Select all Select none Invert selection Select	
← → ~ ↑ 📴 > This PC → Windows (C:) → Electric				✓ Ŏ			
	Name	Name ^			ed	Type Size	e
Vuick access	🔮 electricBina	🔹 electricBinary-9.07.jar 9			1:06 AM	Executable Jar File	20,747 KB
OneDrive	📓 electricSFS-	🕌 electricSFS-9.07.jar		9/12/2020 7:41 PM Executable Jar F			191 KB
This PC	View		$\geq$				
Petwork	Sort by		>				
2 items	Group by		>				
L REFIN	Refresh						
	Customize	this folder					
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Undo Delete		te (	Ctrl+Z				
	Open in Vi	Open in Visual Studio					
	Give acces	s to	<u> </u>				
New		> 📘	Folder				
Properties				Shortcut			
	and the		<b>P</b>	Microsoft	Access Databa	se	
				bmp File			
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			<u>e</u>	Microsoft	Access Databa	se	
				Microsoft	Publisher Doci	iment	
				Rich Text I	Format		
				Text Docu	ment		
			8	Microsoft	Excel Workshe	et	
			(MR2)	Compress	ed (zipped) Fol	lder	

6. For the "Type the location of the item", enter C:\Electric, then click Next:

🔶 👔 Create Shortcut

### What item would you like to create a shortcut for?

This wizard helps you to create shortcuts to local or network programs, files, folders, computers, or Internet addresses.

Type the location of the item:	
C:\Electric	B <u>r</u> owse

Click Next to continue.

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t

### 7. Click Finish:

← 👔 Create Shortcut

# What would you like to name the shortcut?

Type a name for this shortcut:

Electric

Click Finish to create the shortcut.

<u>Finish</u>	Cance

8. Right-click on the Electric shortcut and select Properties, then change the Target from C:\Electric to:

% programfiles% Java jre1.8.0\_261 bin java.exe -classpath "electric Binary-9.07.jar;<br/>electricSFS-9.07.jar; om.sun.electric.Launcher

Then, click OK:

File Home Share	Manage View Shortcut Tools	Electric	- □ ×	Electric Properties X
Pin to Quick Copy Paste access Clipboard	Cut Copy path Paste shortcut	Delete Rename rganize	Image: Open +     Image: Select all       Image: Open +     Image: Select all       Properties     Image: History       Open     Select	Bectric Target type: File folder
← → * ↑ 🔒 > Th	is PC > Windows (C:) > Electric	✓ Č , Search El	lectric	Target location: C:\ Target: %Java\re1.8.0_261\bin\java.exe -
📌 Quick access	Name	Date modified Ty	ype Size	
<ul> <li>OneDrive</li> <li>This PC</li> <li>Network</li> <li>3 items 1 item selected</li> </ul>	✓ Jectric	Open       Open folder location         Open in new window       Pin to Quick access         Open in Visual Studio       7.7 ip         CRC SHA       Scan with Microsoft Defender         Send to other devices with SHAREit       Include in library         Pin to Start       Restore previous versions         Send to       Cut         Copy       Create shortcut         Delete       Rename         Pronetties       Pronetties	ar File 20,747 KB ar File 191 KB	Ohortcut key:       None         Run:       Normal window         Comment:

#### Run Electric

9. Run the Electric shortcut:



10. Go to:

http://cmosedu.com/videos/electric/tutorial1/electric\_tutorial\_1.htm

### 11. Get the file tutorial\_1.jelib

12. Open tutorial\_1.jelib in Electric, select lay in the Explorer tab, then click Window  $\rightarrow$  3D Window  $\rightarrow$  3D View. In Electric, click Help  $\rightarrow$  About Electric, then click the Plugins button. If successful, this will show that Software Extra Plugin (IRSIM) is installed:

