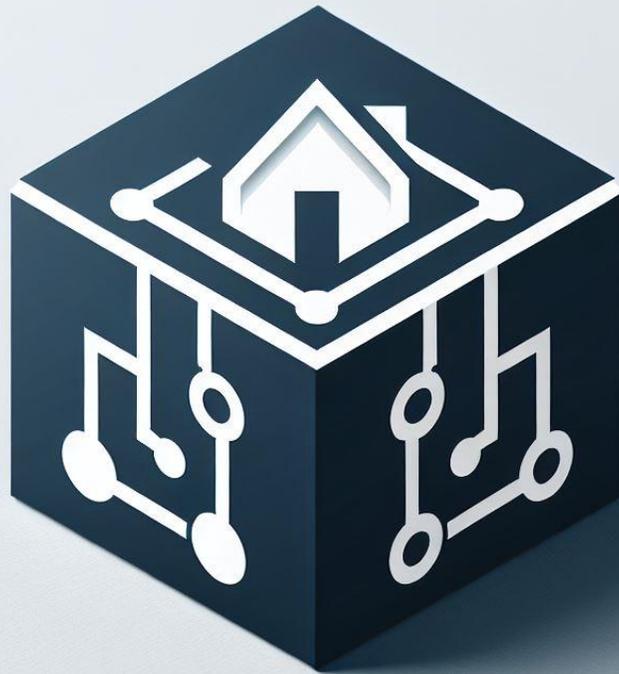


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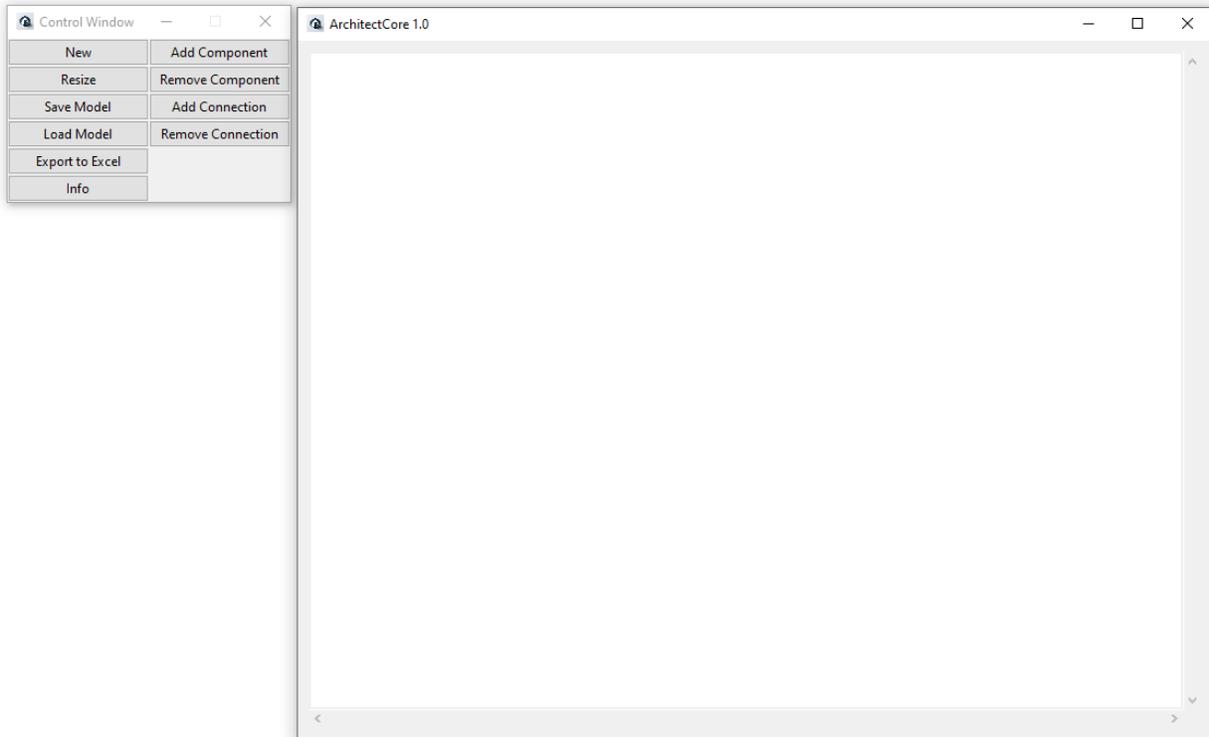


ArchitectCore

Your Engineering Backbone

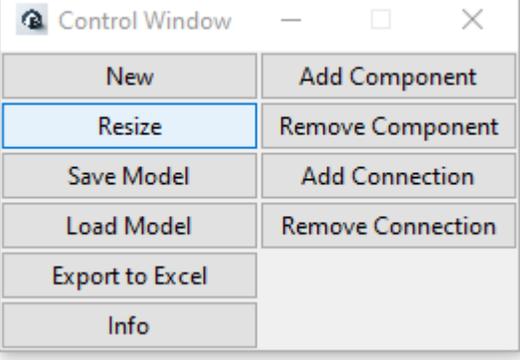
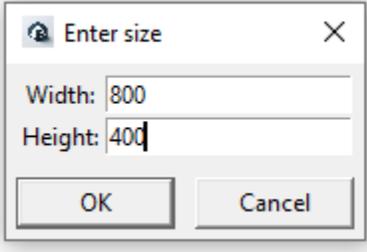
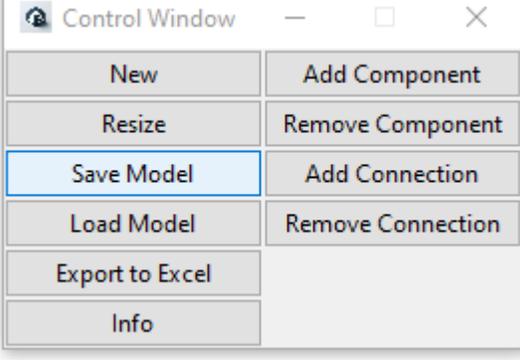
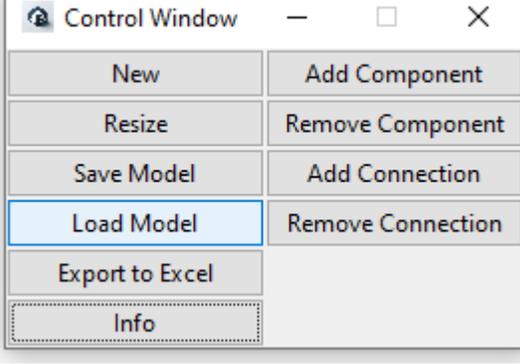
Getting Started with ArchitectCore

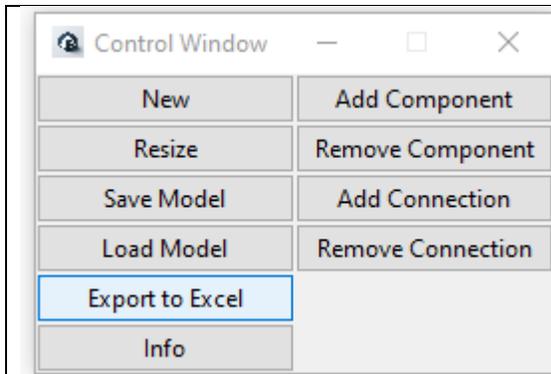
After starting ArchitectCore, two main windows will open. These windows are always open, as long as the tool is active. You can move the windows around to a location that is most convenient for you.



The Whiteboard on the right is your working area, where you build up your model. The Control Window on the left gives you all necessary options to build, modify, load, save and export your model. You can close ArchitectCore by clicking the “x” of the Whiteboard.

The Control Window

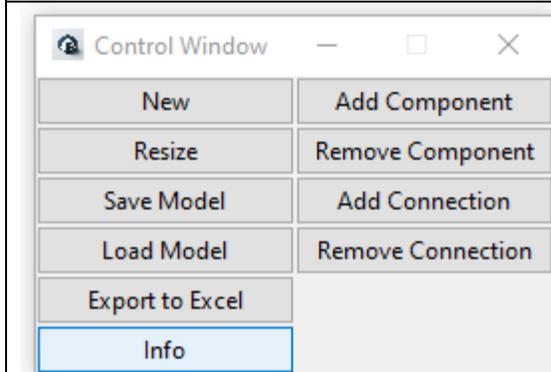
 <p>The screenshot shows the 'Control Window' with the 'New' button highlighted in blue. The window contains a grid of buttons: 'New', 'Add Component', 'Resize', 'Remove Component', 'Save Model', 'Add Connection', 'Load Model', 'Remove Connection', 'Export to Excel', and 'Info'.</p>	<p>New starts a new Whiteboard with the standard size. If you did not save your model, your work will be lost.</p>
 <p>The screenshot shows the 'Control Window' with the 'Resize' button highlighted in blue. The window contains a grid of buttons: 'New', 'Add Component', 'Resize', 'Remove Component', 'Save Model', 'Add Connection', 'Load Model', 'Remove Connection', 'Export to Excel', and 'Info'.</p>	<p>Resize gives you the option to define a size for the Whiteboard.</p>  <p>The 'Enter size' dialog box is shown with 'Width' set to 800 and 'Height' set to 400. It has 'OK' and 'Cancel' buttons.</p>
 <p>The screenshot shows the 'Control Window' with the 'Save Model' button highlighted in blue. The window contains a grid of buttons: 'New', 'Add Component', 'Resize', 'Remove Component', 'Save Model', 'Add Connection', 'Load Model', 'Remove Connection', 'Export to Excel', and 'Info'.</p>	<p>Save Model Option allows you to save your work in a specific location as a *.model file, which is based on JSON. It is recommended to store your models in a separate folder in your project's working area.</p>
 <p>The screenshot shows the 'Control Window' with the 'Load Model' button highlighted in blue. The window contains a grid of buttons: 'New', 'Add Component', 'Resize', 'Remove Component', 'Save Model', 'Add Connection', 'Load Model', 'Remove Connection', 'Export to Excel', and 'Info'.</p>	<p>Load Model allows you to load your work from a specific location as a *.model file, which is based on JSON.</p>



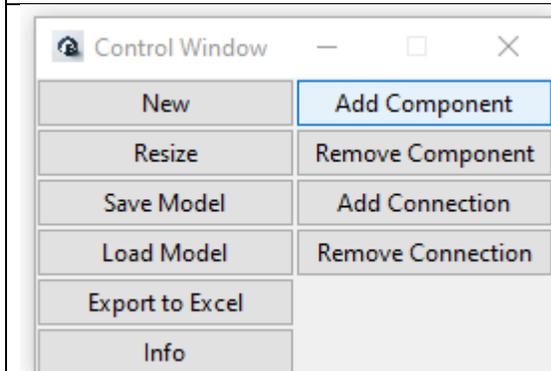
Export to Excel generates an Excel file, which is very suitable for sharing with any involved stakeholders who do not work with the tool.

The Excel file contains:

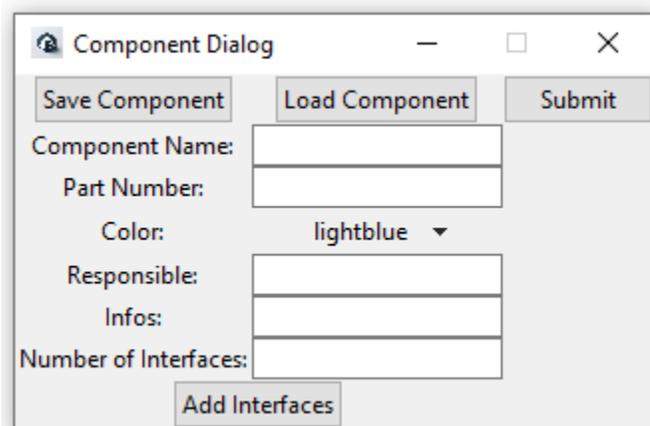
- **Architecture Tab:** Image of architecture as in the Whiteboard.
- **Architecture Component List:** Lists all components of your architecture.
- **Architecture Connection List:** Lists all connections of your architecture.



You can find further information about the project behind this **Info** button.



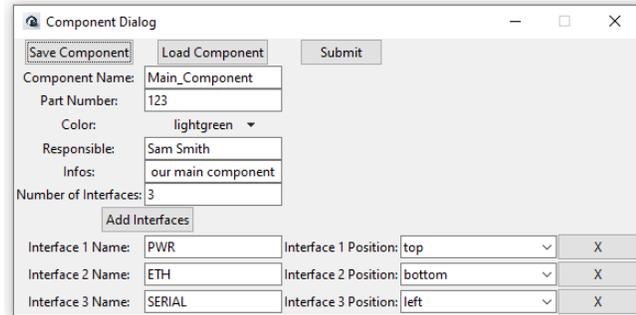
Add Component opens the Component Dialog. The Component Dialog gives you the option to Define a Component and save it via **Save Component** as a ***.component** file. It is recommended to store your components in a separate folder in your project directory. The Component Dialog gives you also the option to load predefined components via **Load Component**.



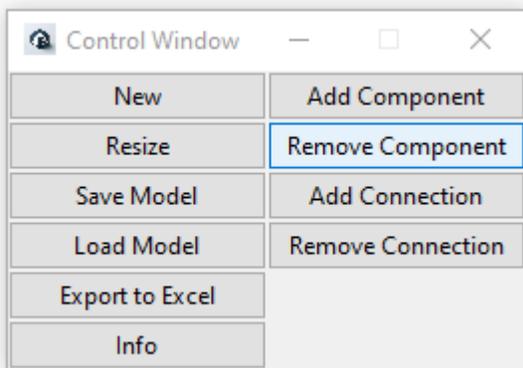
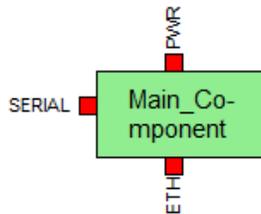
Component Name will be visible in the Whiteboard as well as in the Excel exports. Via **Part Number** you can give a ID to the component. The **Color** will define the color of the box in the Whiteboard. **Responsible** and

Info gives further details that are defined for the component and will be listed in the Excel export.

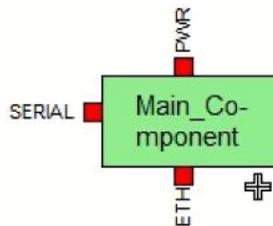
In order to add interfaces, you have insert a number under Number of Interfaces and click on Add Interfaces.



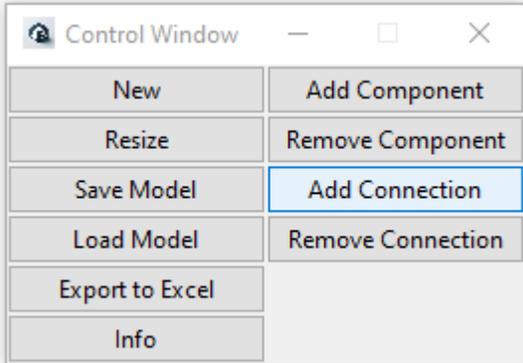
You can always add more interfaces via Add Interfaces or delete an interface via the "X" buttons. Then, you can save or submit the component to the Whiteboard.



If you click on Remove Component, you have the option to remove a component. The mode where you can remove a component is indicated via the cursor.



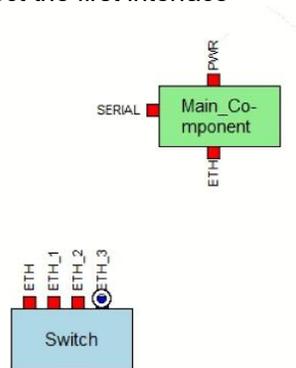
You can get out of the remove mode, by click again Remove Component, Add Component, Add Connection or Remove Connection.



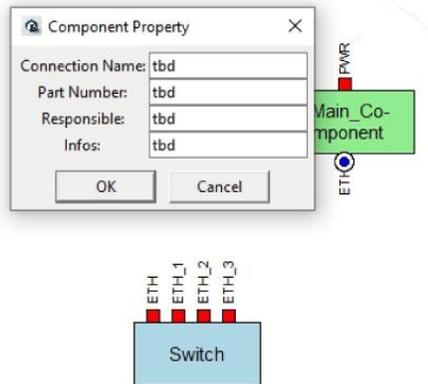
You can add a connection for example between two components.

(1) Click Add Connection

(2) Select the first interface

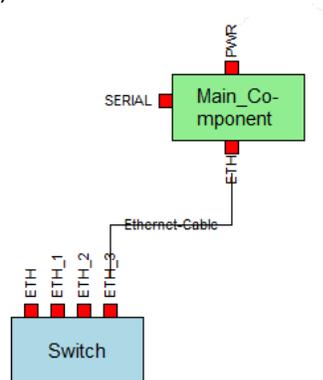


(3) Select the second interface



(4) Give the connection a name and further information

(5) The connection is visible



Control Window	
New	Add Component
Resize	Remove Component
Save Model	Add Connection
Load Model	Remove Connection
Export to Excel	
Info	

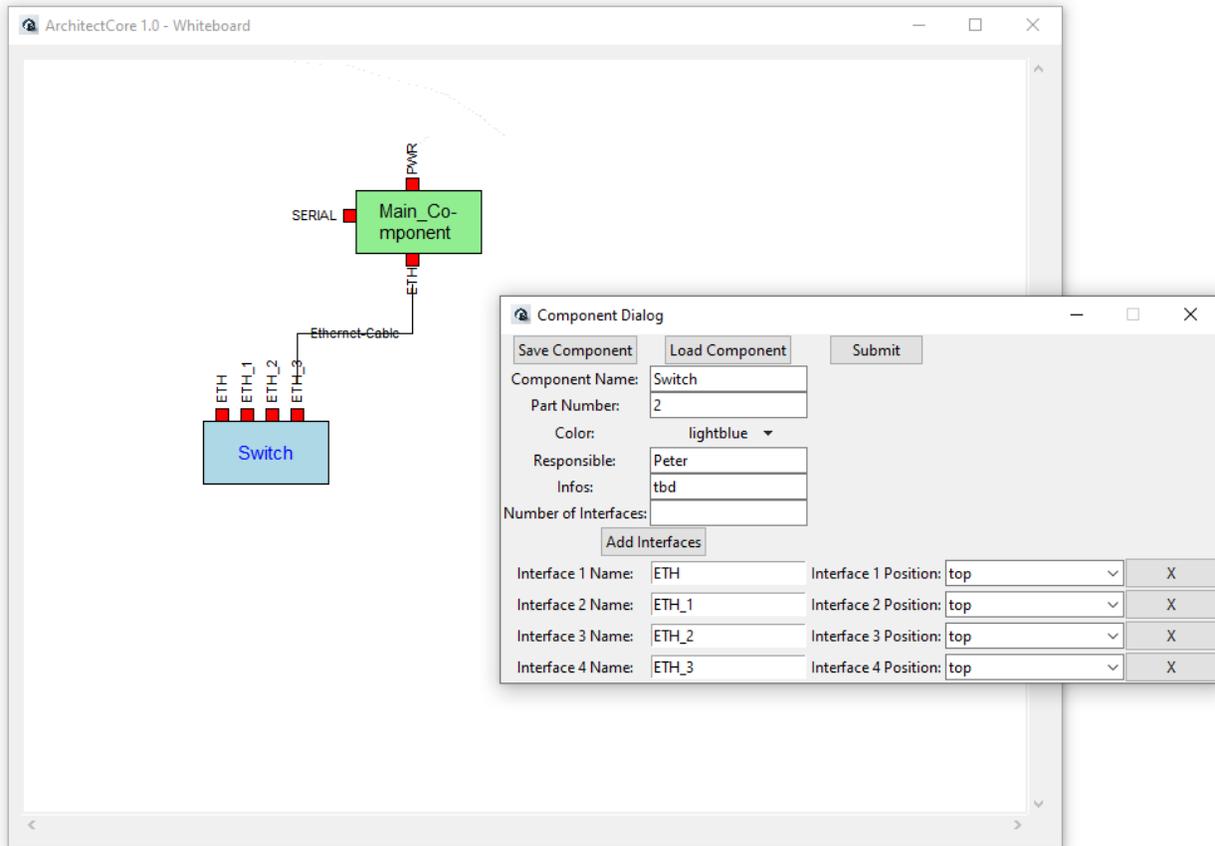
(1) Click Remove Connection
(2) The cursor will change to a cross, select the connection that you want to remove:

The diagram illustrates a network setup. A green box labeled 'Main_Component' is connected to a blue box labeled 'Switch'. The Main_Component has three ports: SERIAL, PMR, and ETH. The Switch has four ports: ETH, ETH_1, ETH_2, and ETH_3. An Ethernet Cable connects the ETH port of the Main_Component to the ETH_3 port of the Switch.

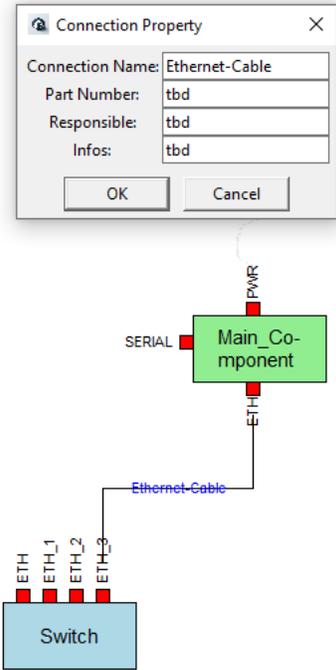
The Whiteboard

You can move components by dragging them to a preferred location.

Furthermore, you can edit a component property by Right-Click on the component when you hover with the cursor over the name of the component and it gets blue.



You can also change the properties of a connection via a Right-Click.



Document Version 1.01

ArchitectCore 1.0