## **Heatmap Relationship Colour Wizard for ArchiMate Views**

**Tool**: jArchi  
 **Version**: 1.0  
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 **Ownership**: Property of BHP (Internal Use Only)

### **Overview**

The *Heatmap Relationship Colour Wizard* is a visualisation script for jArchi that enables colour-coded heatmaps on ArchiMate views. It assigns colours to elements based on property values of related properties and supports both categorical (counts) and continuous (totals) modes. A legend is generated automatically for clarity.

### **Key Features**

* Dynamically gathers element properties from the selected related element type
* Applies a custom colour scheme based on the selected property
* Generates a grouped legend block in the view
* Avoids interfering with existing 'Legend' marked elements

### **How to Use**

1. **Open a View** In jArchi, open the ArchiMate diagram where you want to apply the heatmap.
2. **Run the Script** Execute the script via the jArchi scripting console or script menu.
3. **Select Elements** When prompted:  
   * Choose a *primary element type* (e.g., Application Component).
   * Choose a *related element type* via connected relationships.
4. **Choose Property** From the wizard interface, select a property (e.g., "Risk Level", "Cost") and define the colour scheme to apply.
5. **Apply and Review** The script:  
   * Colours the primary elements based on related data
   * Adds annotation notes (e.g., count or total values)
   * Generates or updates a legend on the diagram
6. **Adjust as Needed** To refresh or change settings, re-run the script. Existing legend and annotations will be reused or adjusted if possible.