**Colourmap Relationship Annotation for ArchiMate Views**

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

### **Overview**

The *Colourmap Relationship Annotation* is a script developed for jArchi that enhances ArchiMate views with colour-coded heatmaps based on element property values. It supports both categorical and numerical colouring logic and provides a visual legend to aid interpretation.

### **Key Features**

* Retrieves and analyses property values from selected element types.
* Prompts for selection of a primary and related element type based on relationships.
* Applies colour fills to elements according to defined colour schemes.
* Supports both count-based (categorical) and total-based (numerical) annotations.
* Automatically generates and updates a grouped diagram legend.

### **How to Use**

1. **Open the View**Open the desired ArchiMate view in jArchi.
2. **Run the Script**Execute the script in the jArchi script editor.
3. **Select Element Types**When prompted:
   * Select a primary element type.
   * Choose a related element type (based on relationships).
4. **Choose Property and Scheme**In the wizard interface, select the property to visualise and configure the colour scheme.
5. **Review Output**The script will:
   * Colour elements based on related property values.
   * Add annotation notes with totals or counts.
   * Insert or update a legend explaining the colours.