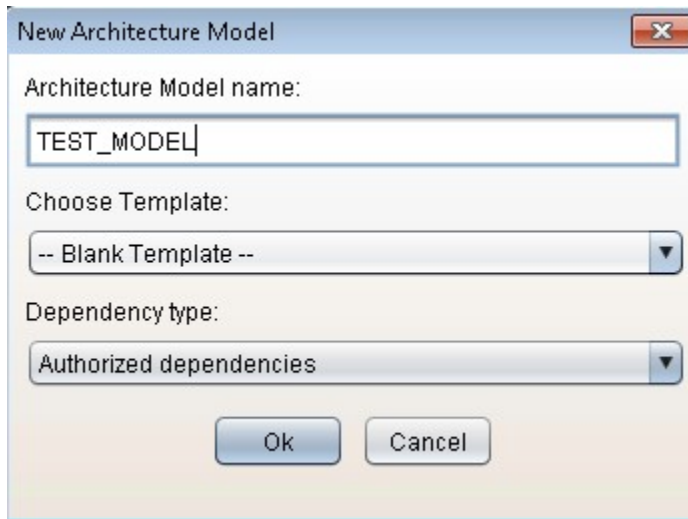




CAST Architecture Checker - Define a new Architecture Model

To define a new Architecture Model, use the **File > New Architecture Model** toolbar option or right click the blank **Main window (Model tab)** and select **New Architecture Model**. A dialog box will then be displayed enabling you to define the new model:



Click **OK** to complete the creation of the Architecture Model. When an Architecture Model is created, it is blank - i.e. no Layers, Sets or Dependencies exist.

Architecture Model name	Enter a name for your Model - this simply identifies the Architecture Model to you.
Choose Template	<p>Allows you to select the custom template you require from the drop downlist - the CAST Architecture Checker will offer you all the predefined templates shipped with the software, and any custom templates you have saved to the default template storage location (%USERPROFILE%\Documents). Your new model will open containing all configuration saved to the custom template you have chosen.</p> <p>Alternatively you can choose Blank Template, which will give you an empty Architecture Model.</p> <p>See Working with Templates for more information.</p> <div style="border: 1px solid #ccc; padding: 5px;"><p> Note that the predefined templates shipped with the software are located in the configuration\ACTemplate folder in the CAST Architecture Checker installation folder.</p></div>
Dependency Type	<p>This drop down list enabled you to select the type of Architecture Model you want to create, depending on your requirements:</p> <ul style="list-style-type: none">• a model defining authorized dependencies between layers - i.e. links between objects that are authorized• a model defining forbidden dependencies between layers - i.e. links between objects that are forbidden <div style="border: 1px solid #ccc; padding: 5px;"><p> Authorized model type</p><ul style="list-style-type: none">• When two layers have no links between them in the model and in reality there are links, then a violation will be reported.• If a link between two layers is created in the model, then no violations will ever be raised regardless of whether in reality links exist or not.<p>Forbidden model type</p><ul style="list-style-type: none">• When two layers have no link between them in the model, whatever the reality is, no violations will be reported.• Violations will be reported only when a link between two layers is created in the model and in reality the link exists.</div>



- Refer to [Define Layers, Sets and Dependencies](#) and also [Define Layer or Set Contents](#) for more information about the rest of the creation process.
- You should also use the **Save** option (see [Toolbar](#) for more information) to save your model as a **.CASTArchitect file** for future re-use.
- You may also wish to define various **Properties** for your model (for example, **weight** and **criticality** of the associated default rule) - if so, see [Configuring model properties](#). Otherwise default values will be used.