

The ‘Frameworks’ Prototype Tool (User GUIDE)

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Explanation

The 'Frameworks' prototype tool is situated on the Magic Browser website

See: <https://magicbrowser.co.uk/>

It is an evolution of a series of visual, graphical, "information modelling tools"

See: <https://magicbrowser.co.uk/the-evolutionary-series/>

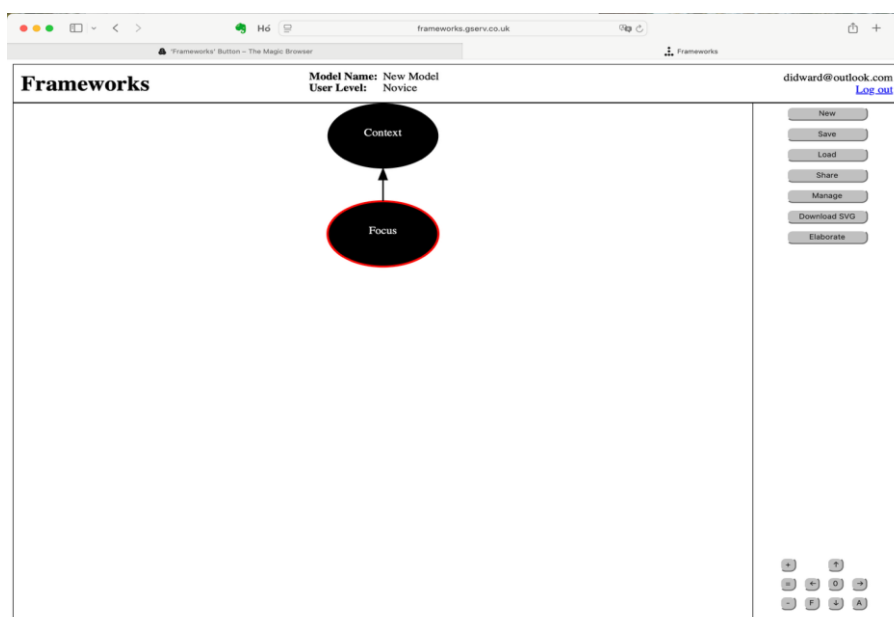
This tool is a realisation of the 'Frameworks' methodology and is evolving as user feedback is evaluated. As a prototype being tested, we anticipate 'bugs' may be discovered but we also hope to improve and enhance functionality as thinking about 'Frameworks' evolves

Constructing* a 'Frameworks' Model

**(refer, Paivio 'Constructivism'; Papert 'Constructionism')*

The construction of 'Frameworks' models is "Framed and Constrained" in terms of cognitive, modelling and display space. The idea is to reduce scale and complexity to manageable proportions and its simple structural "decompositional hierarchy" provides this. The constraint in the Novice level of **up to 3** categories for each Node (and **up to 3** additional levels of hierarchy) is an exercise in thinking and categorisation, which once mastered can be extended to up 5 categories for each Node (and up to 4 additional levels of hierarchy) in the Intermediate level of modelling and up to 7 categories for each Node (and up to 5 additional levels of hierarchy) in the Advanced level.

The User logs in to the Tool through the 'Frameworks' button on the 'Frameworks' Section of the Magic Browser Website and they will be presented with the 'Frameworks'



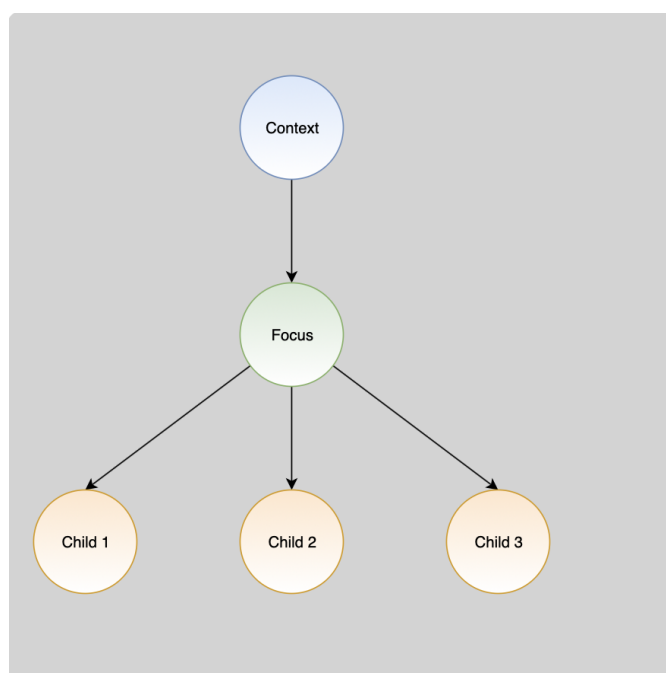
Prototype Tool interface.

Their attention will be drawn to the ***highlighted*** Focus Node (red)

NB In the latest online web-based Version (version 3.2) – the Main Menu omits the Load Button.

The process is simple and entry-level, and based on a sequence of

- Thinking about things/ what is on your mind); Discerning and Analysing; Clustering and Categorisation
- Focusing on one thing at a time - You are firstly directed to the highlighted Focus Node and must name your Focus
- Considering and naming the Context of your Focus - You are next directed to the highlighted Context Node and must name it
- Save your default Model OR decide to elaborate your Model to show the instances/varieties of your Focus with the potential to create additional nodes and levels of elaboration as allowed by the Modeller rules –that is, 3 nodes and levels for a Novice; 5 nodes and 4 levels for Intermediate; and 7 nodes with 5 levels for Advanced. The Thinker Modeller can use their mouse (or finger) to locate and click (or press) on a Node of interest.
- At any point in Model construction, the user may choose to SAVE their Model. They may have to **wait** for the SAVE function which saves to the ‘Frameworks’ database to “warm up” if this is done shortly after logging in to the Tool. When selecting the MANAGE Button to locate and open their saved Model, it may take around 15 seconds for the database list of Models to display. (There is feedback counting down this process) so **don’t panic!** This is a “bug” in the Prototype code and will be fixed in Version 4.
- The ELABORATE button allows the user to generate and name additional nodes and levels. At the Novice level this allows up to 39 Nodes to represent their thinking/understanding in addition to the Context and Focus. Even with 39 Nodes, being constrained to this 3 x 3 Novice model may prove a challenge. Certainly to start with, the discipline for the Novice is to represent their thinking and understanding in the fewest number of Nodes and at the fewest levels of hierarchy



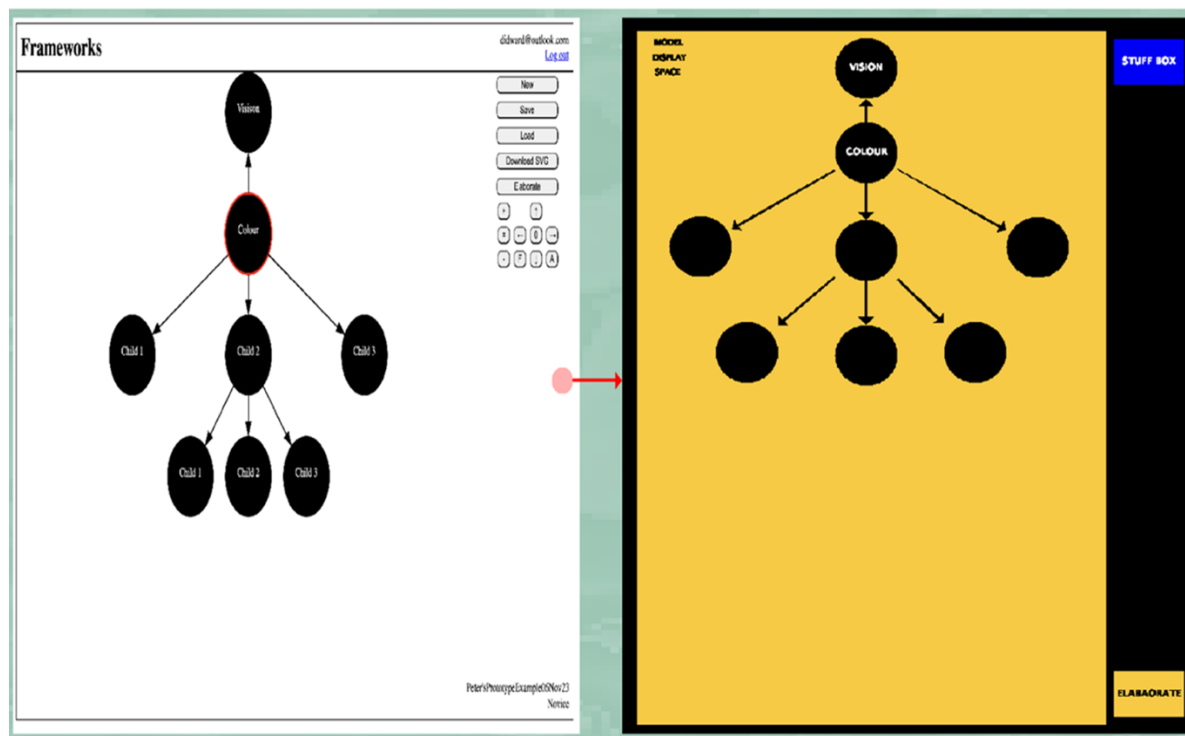
Saving and Sharing a 'Frameworks' Model

The Thinker Modeller can SAVE their Model to the 'Frameworks' database (local storage within the tool) and can thereafter review/edit/elaborate it by selecting the Manage and Open Buttons.

Sharing is an important step in the process: thinking, modelling, reviewing, selecting Model, editing or elaborating, saving and sharing models.

The SHARE button allows for sharing with other users of the 'Frameworks' tool by entering the email address which they use for 'Frameworks' log-in.

The current Version 3 prototype provides for a Model to be saved as a .SVG file which can be archived and shared with others. This will be enhanced in Version 4 will provide for saving and sharing a Model in the Coloured Meta Model.



Troubleshooting

In the current Version 3, the user may experience lag/delay when they come to SAVE their Model(s).

If logged in and engaged in the Construction of a Model for short period of time only, they may have to **wait** for the SAVE function (saving to the 'Frameworks' database) to "warm up". When they select the Manage button to locate and open the saved Model, it may take around 15 seconds for the list of Models to display but there is visual feedback counting down this process.

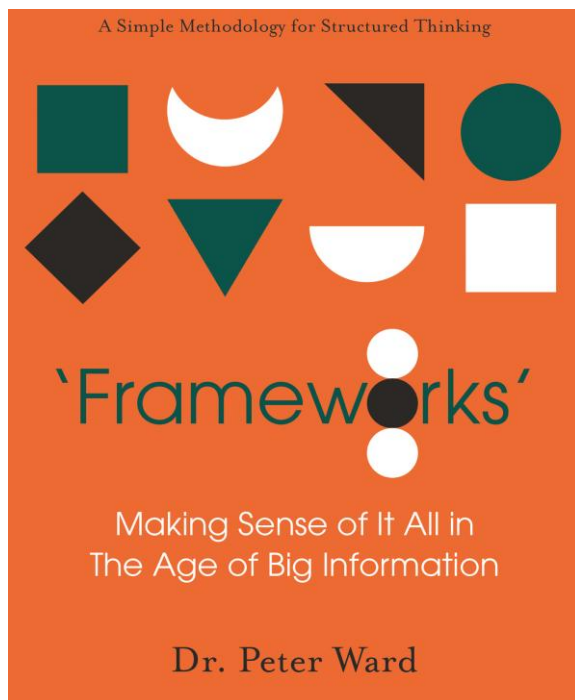
In Version 3, users should avoid selecting the area closest to the text (Label) of a Node. If this is done they will be informed in a new tab that it is a Label Identifier. The model will still be displayed in the original tab or window. By selecting the lowest/bottom area of a Node, this can be avoided and they will be provided with the appropriate "Edit Node" dialogue box in which they can Name/Delete the Node.

If a saved model is selected using the MANAGE button and simply viewed but not edited or elaborated in any way, it does not need to be saved again. If you do try to save it, the tool will display a new dialogue box asking you to update the model name as it regards this as a new version. The existing version will still be saved even if you "cancel" the SAVE at this point.

If a saved model is elaborated but then the changes are deleted to return to the original version, you may get a dialogue box advising that the "Current Model is not Saved" when the MANAGE button is selected e.g. when wishing to select a different model to work on. You can here select the "OK" option safely and the model will still be in the 'Frameworks' database.

5. The ‘Frameworks’ Book and Future Developments

The ‘Frameworks’ Prototype Tool is described in the Book:



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Colour PDF Book/Black & White PDF Book/Digital Edition

Amazon Books/Kindle/KDF Bookshelf

The plan for Prototype Tool Version 4 is that the SAVED Model will be displayed in the Coloured Meta Model. The Recipient may browse the Model and select Nodes of interest and link to Stuff (definition; files).

In Version 4 there will be an “Interrogate” button, which when selected by the user will provide a display of the Meta Model with each element hyperlinked to a definition, and a display of the Prototype Tool with each element hyperlinked to a definition.

The Model will be displayed in the Display Space and the Stuff Box and the “Elaborate” button will be live and functioning.

The Stuff Box is the repository of “Stuff” downloaded from the Digital World awaiting sorting and categorisation if relevant to the Model. The Elaborate button, as with version 3, provides the User access to the Tool, wherein the Model is displayed and available for edit/ save/elaborate/share.

