How to Work with the Cmap Tool

For the BRIDG High-level Concepts Diagram

The purpose of this process is to describe how to use the Cmap Tool to update the BRIDG High-level Concepts Diagram, which is planned to be the default opening diagram in the next release of BRIDG (5.3.1). This Cmap tool is currently freely available from the website listed in Step 1 below.

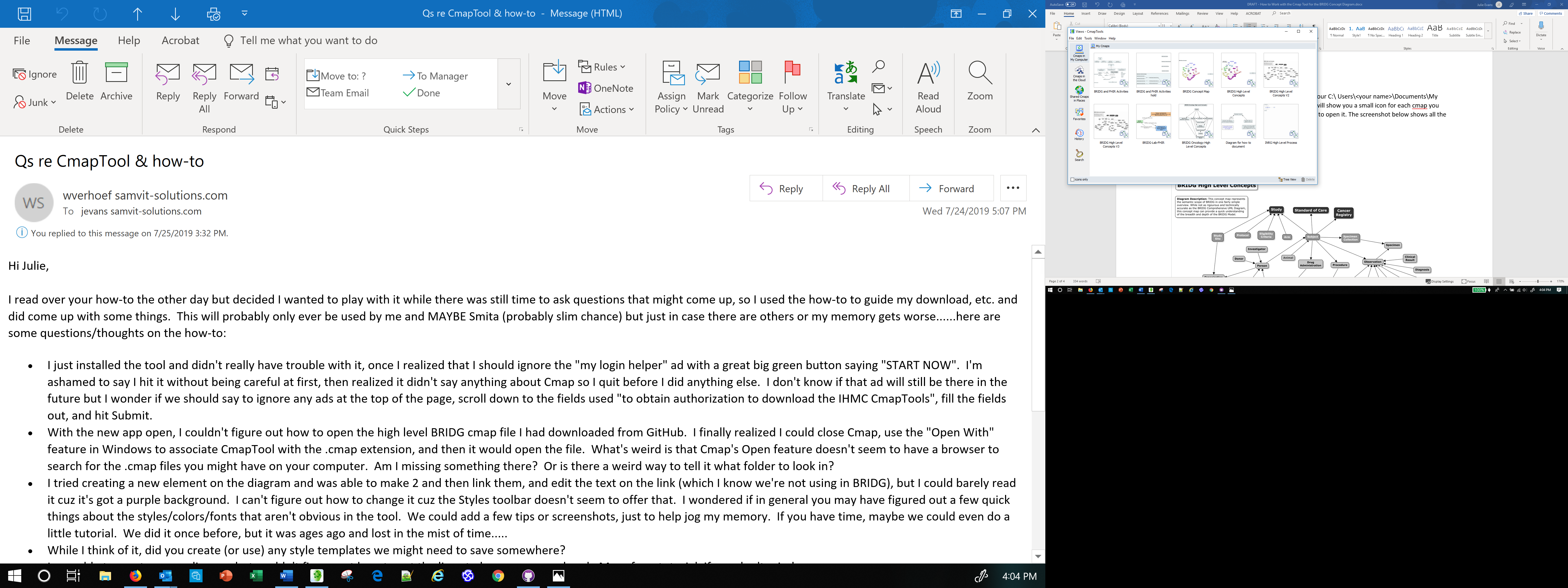
1. Download and install the free cmap tool from <https://cmap.ihmc.us/cmaptools/cmaptools-download/>.

* The cmap tool will now be in the IHMC CmapTools folder – see screenshot below.
* When you are on the download site, some ads may pop up that grab your attention. This tool is currently freely available so you shouldn’t buy anything or click on anything but the download.

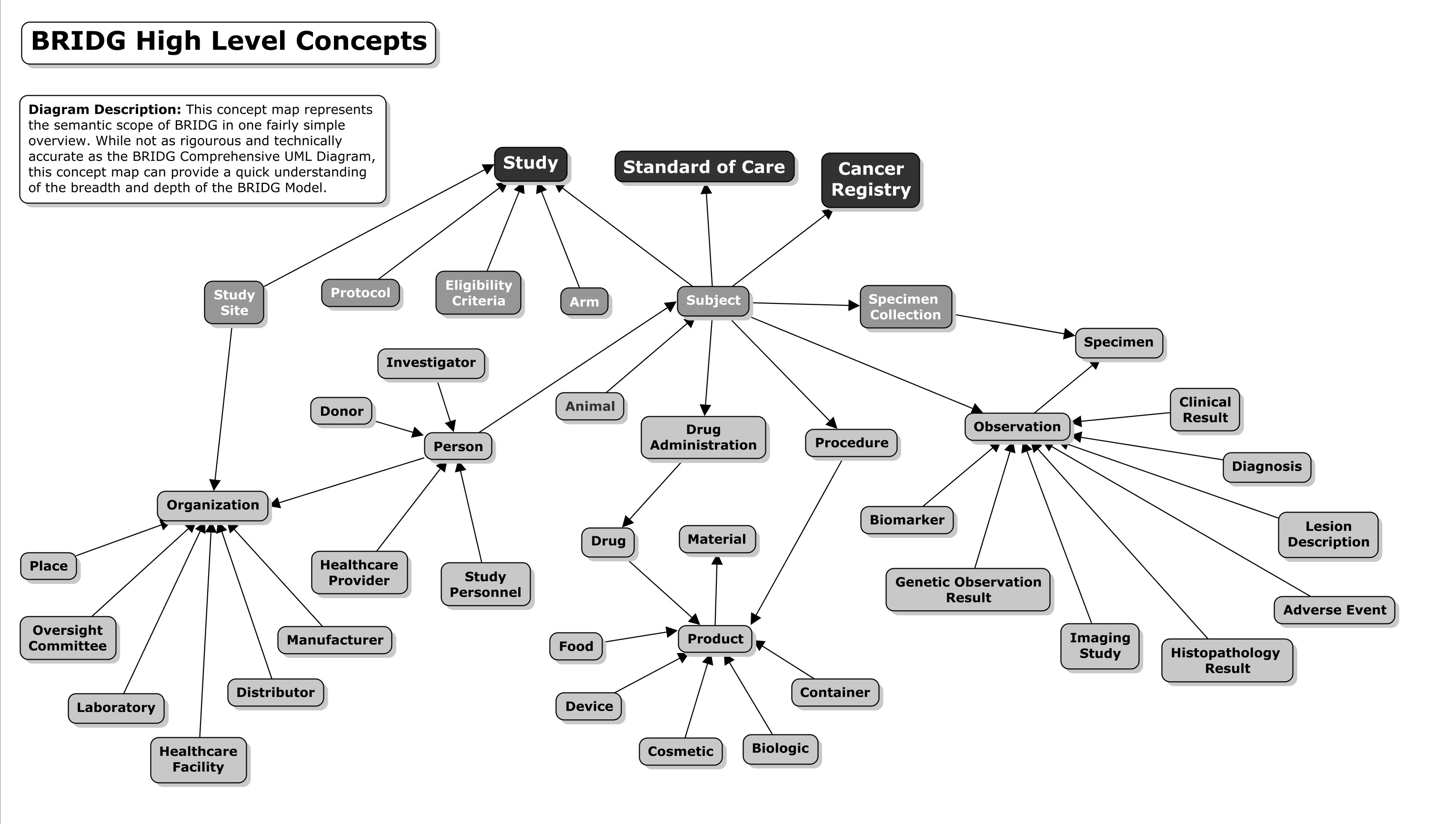
A screen shot of a computer

Description automatically generated

1. Open the BRIDG High-level Concepts Diagram
   1. The file is available in Github at <https://github.com/CBIIT/bridg-model/blob/master/Technical%20Files/Concept%20Maps/BRIDG%20High%20Level%20Concepts%20V2.cmap>.
   2. The easiest way to access the file is to save it in your C:\ Users\<your name>\Documents\My Cmaps folder. When you open the Cmap tool, it will show you a small icon for each cmap you have in that folder and you can double-click on it to open it. The screenshot below shows all the files in the My CMaps folder.

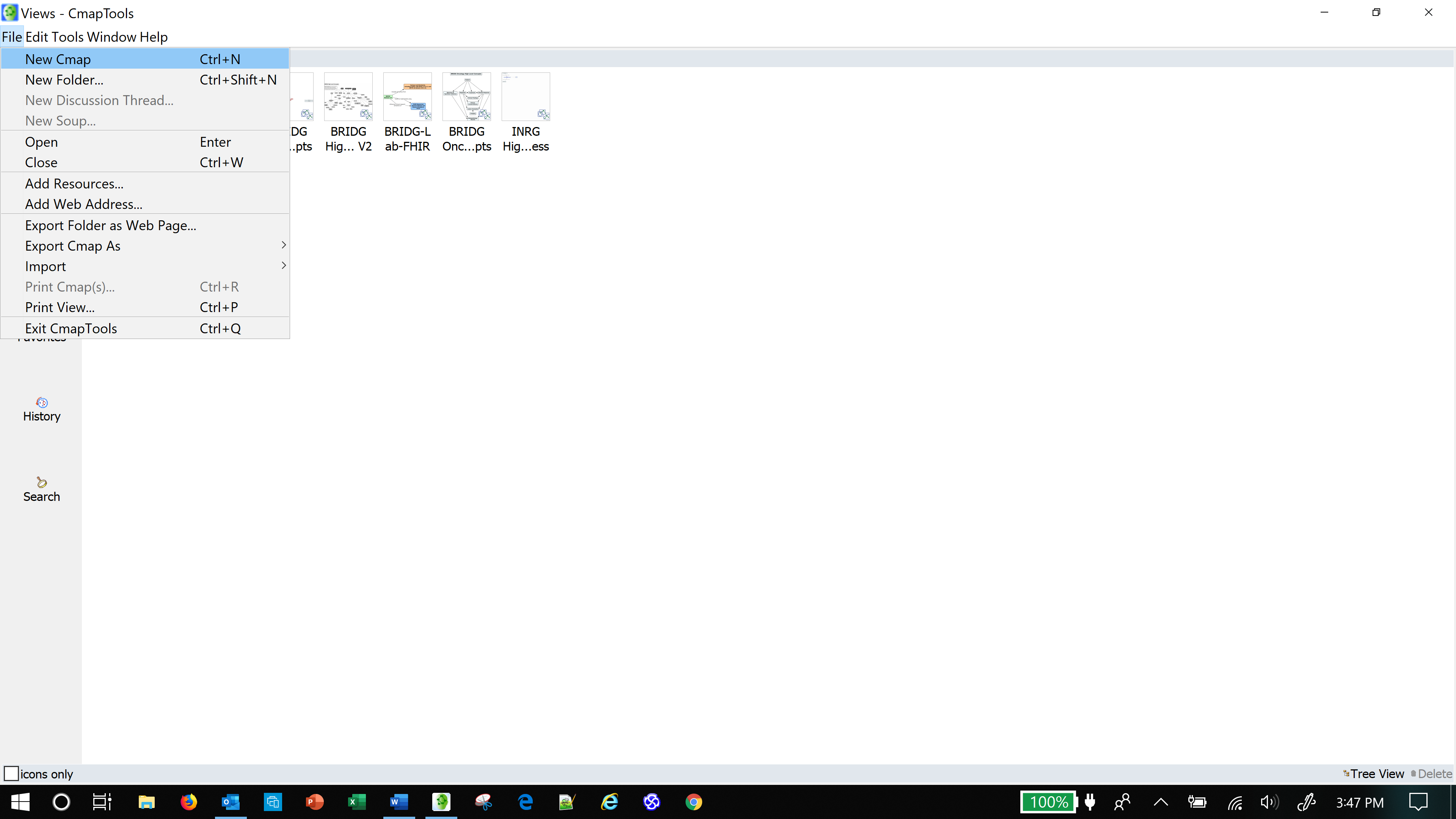


* 1. As of July 2019, the diagram looks like this:

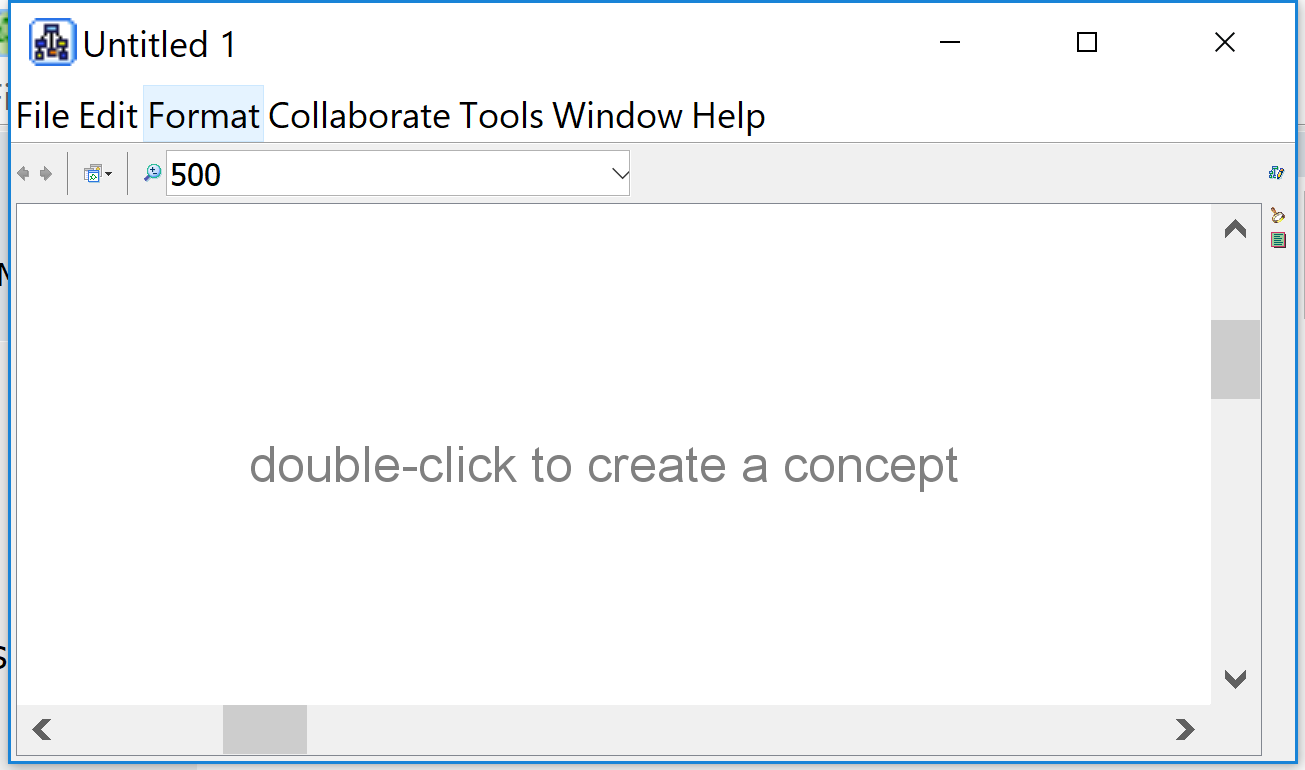


1. Edit the diagram as needed.

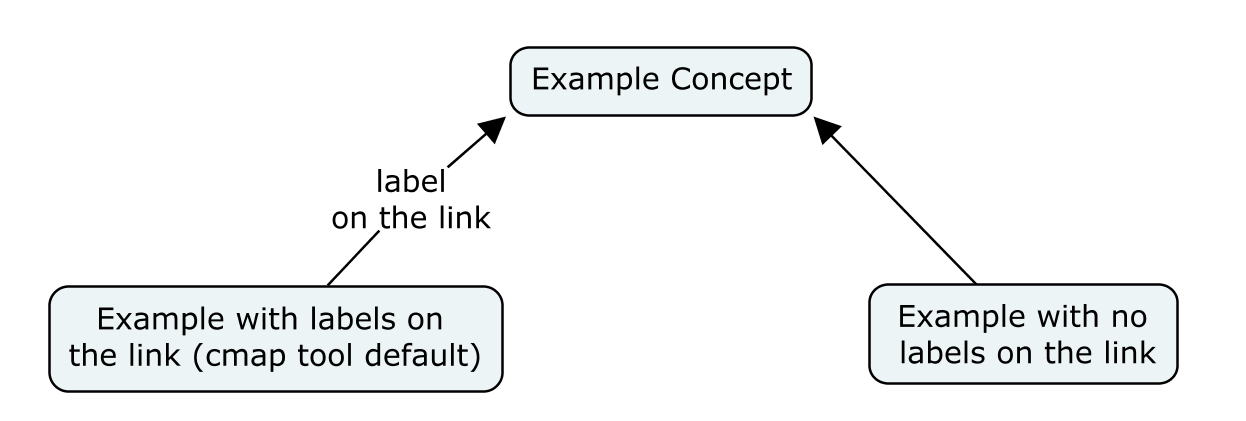
* The tool is intuitive and fairly simple to learn.
  + To create a new cmap, select File > New Cmap from the main menu.



* + To create a new concept, double click in an empty area of the diagram. The tool will display this instruction as shown in the screenshot below.



* This diagram uses “link lines” without labels. Cmap defaults to lines with labels. See examples of both in the screenshot below.



To draw a link line with no label, hold down the SHIFT key while dragging the link icon.

Having a label on the link line is the default. Just drag the link icon to another concept and a label entry box will appear on the link.

* To change styles of fonts, objects, or lines, there’s a Style Palette Window that you get to using the menu to select Windows > Style Palette (after you’ve opened a cmap). You can also copy and paste styles from one object to another by right-clicking on the object whose style you want to copy.  
    
  