

How to Publish your VisiRule Chart as HTML/JS (April 2020)

The VisiRule HTM Generator is an additional software component which can be used from within the VisiRule Author package on the Windows desktop.

This software has probably been sent to you via email or DropBox, separately from your VisiRule software, AND you will need to load it into VisiRule from within VisiRule.

The Publisher software forms part of the VR Extensions for your version of Prolog/Flex/VisiRule.

The software may be shipped to you as a ZIP. In which case, you need to unzip the files first.

The names for the software files you need are vrtext.pc and vrjs.pc.

These are compiled Prolog files and can only be used from within VisiRule.

Once you have located the PC files, copy them into your Prolog home directory (this is where your copy of PRO386w.exe has been installed). You need to know where that is!

In any case you need to copy the following 2 files into your Prolog home directory

A] vrtext.pc

B] vrjs.pc

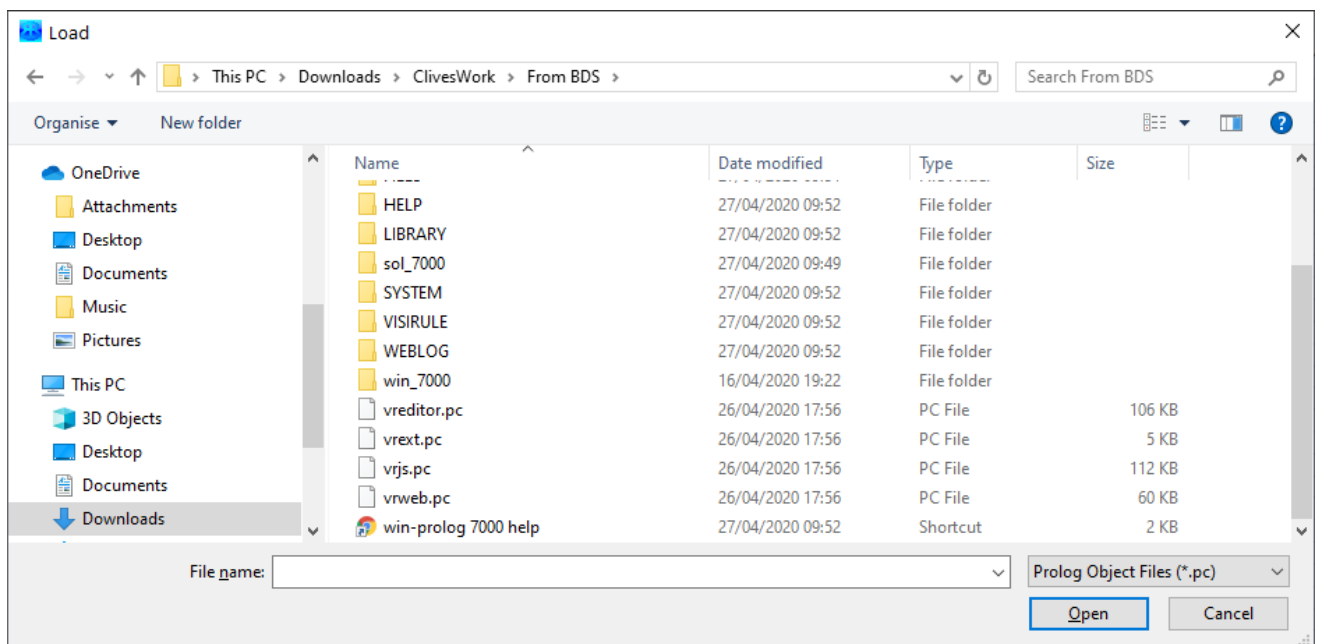
How to Publish your chart as HTML/JS

1] Start VisiRule --- either by clicking a shortcut, or by loading WinProlog and then manually loading VisiRule from the system directory.

2] Load the HTML Generator code

There are several ways to do this ... the one described here is:

- a) Go to File/Load
- b) Ensure the File extension in bottom right hand corner is set to Prolog Object Code (.PC)
- c) Select the file vrjs.pc



This should load in the vrex.pc file when it is needed.

Or you can type:

```
?- load_files( vrjs ).
```

or:

```
?- ensure_loaded( prolog( vrjs ) ).
```

You should see a response:

How to Publish your chart as HTML/JS

```
WIN-PROLOG - [Console]
File Edit Search Run Options Flex Window Help
-----
BDS WIN-PROLOG 7.000 X86 S/N 0021206556 19 Feb 2020
Copyright 1989-2019 Brian D Steel (www.solanum.org)
Licensed To: cs cs
B=64 L=64 R=64 H=256 T=2048 P=8192 S=64 I=256 O=256
-----
This software works from 19 Feb 2020 to 30 Sep 2020
yes

yes

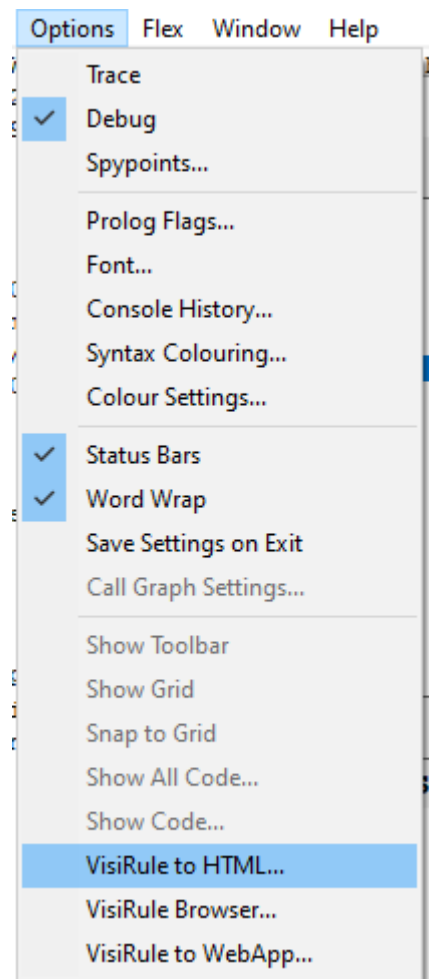
| ?- ensure_loaded( prolog( vrjs ) ).
VisiRule to HTML extension created : Fri 28 Feb 2020
yes

| ?- ~Z

| ?- |
```

How to Publish your chart as HTML/JS

Once the file has been loaded, it should install a new menu item at the bottom of the Options menu entitled VisiRule to HTML ...



If this doesn't appear, check for possible error messages in the Console Window and contact LPA

How to Publish your chart as HTML/JS

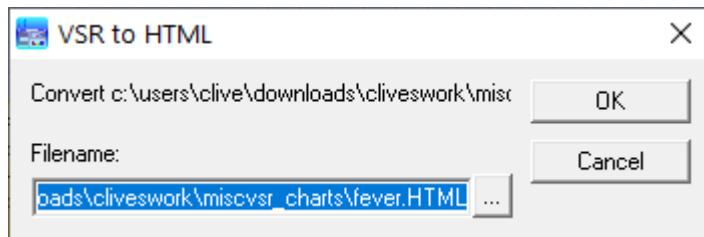
Open/choose a chart to compile (we presume you already have your chart loaded).

Make sure the chart does NOT contain a space in its file name.

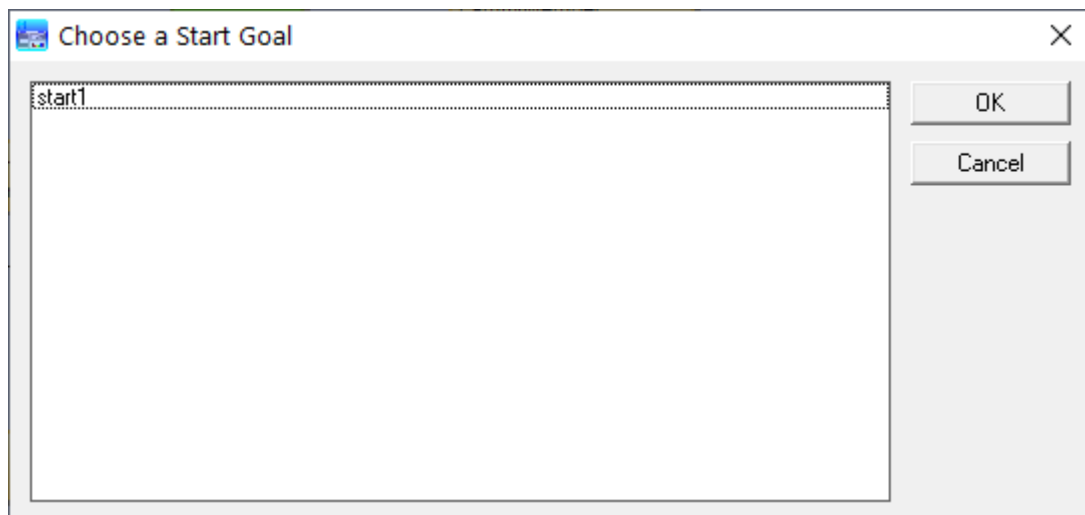
So, use myfilename_20.vsr rather than myfilename 20.vsr

Choose where to have the generated file saved. You MUST have write access to wherever this is.

If you do not have write access, then you will need to run VisiRule as Administrator.

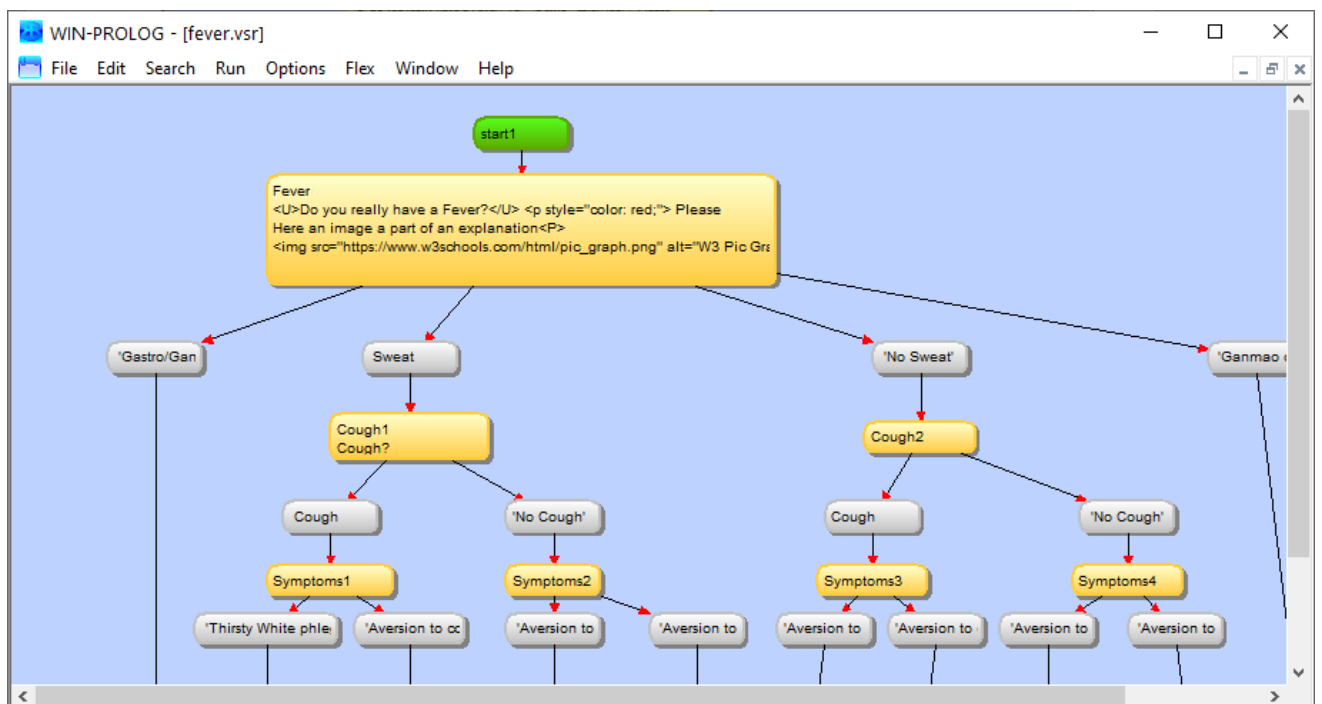
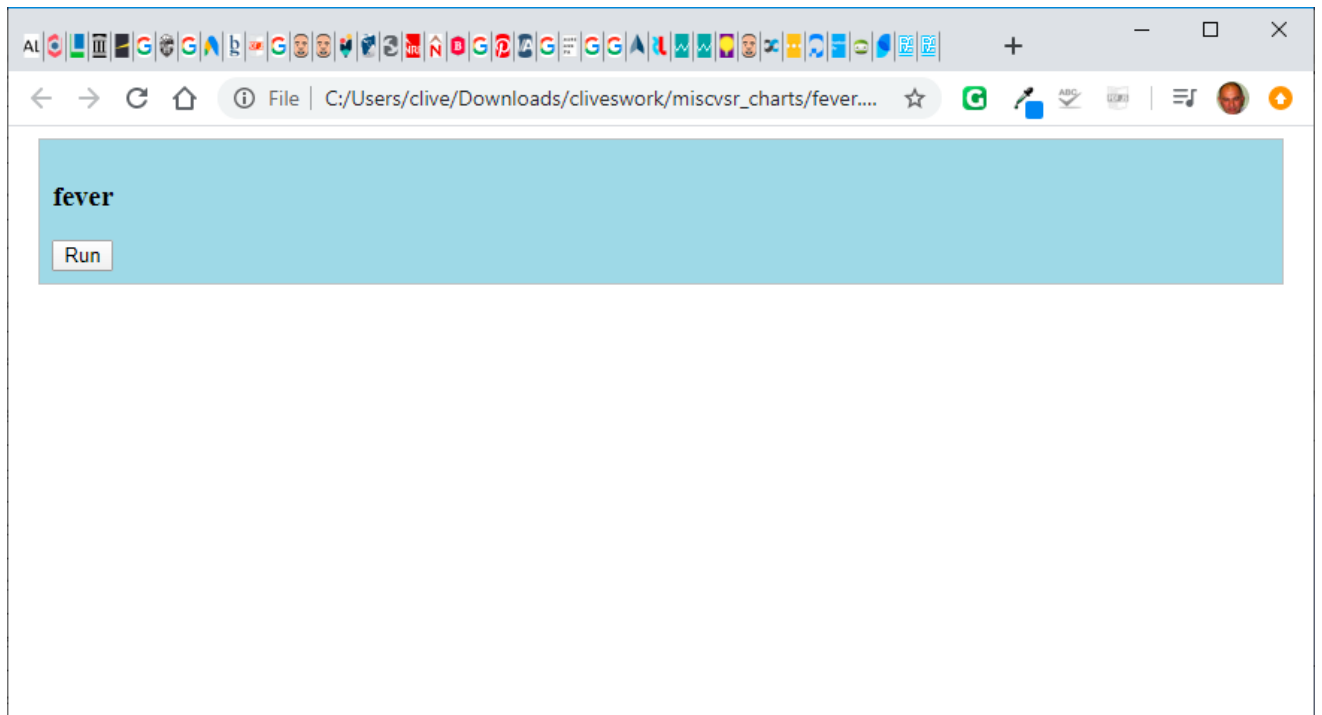


Choose a start node:



You should see something in your browser!

How to Publish your chart as HTML/JS



How to Publish your chart as HTML/JS

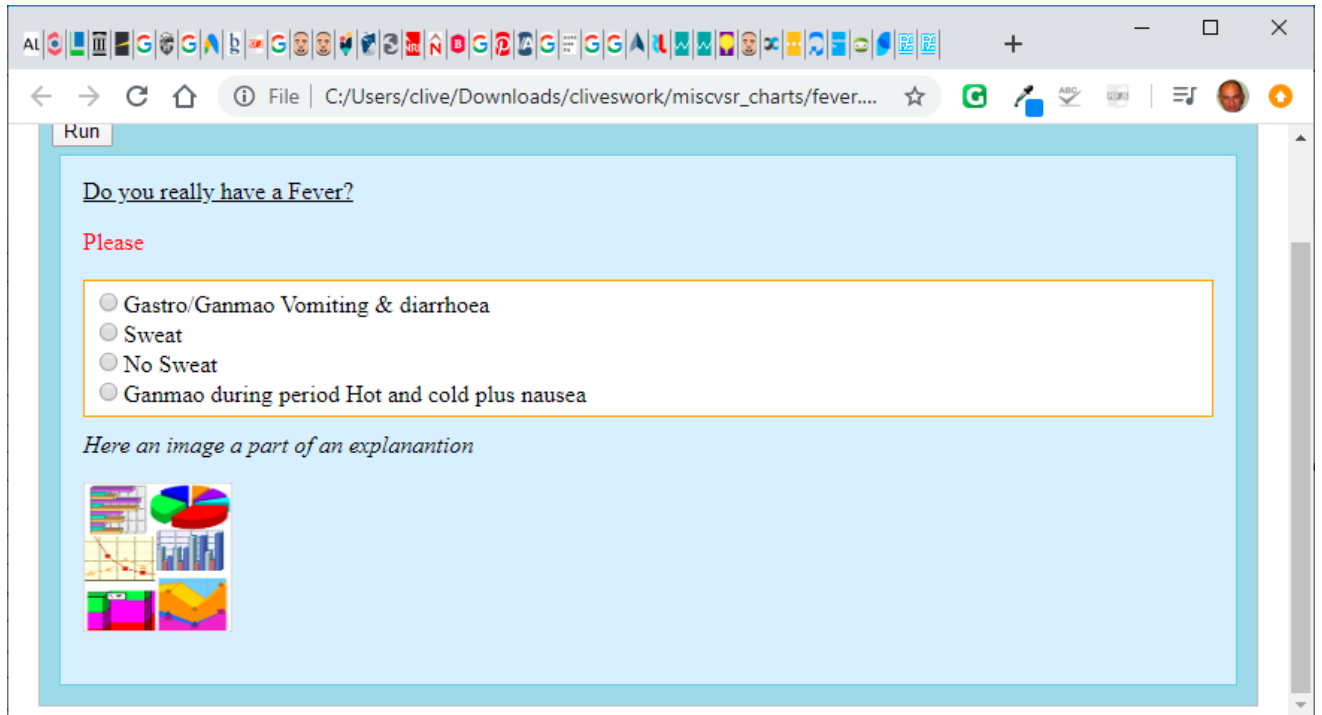
We can add a picture to the first question, simply by adding into the 3rd field of the question

Here an image a part of an explanation<P>

```

```

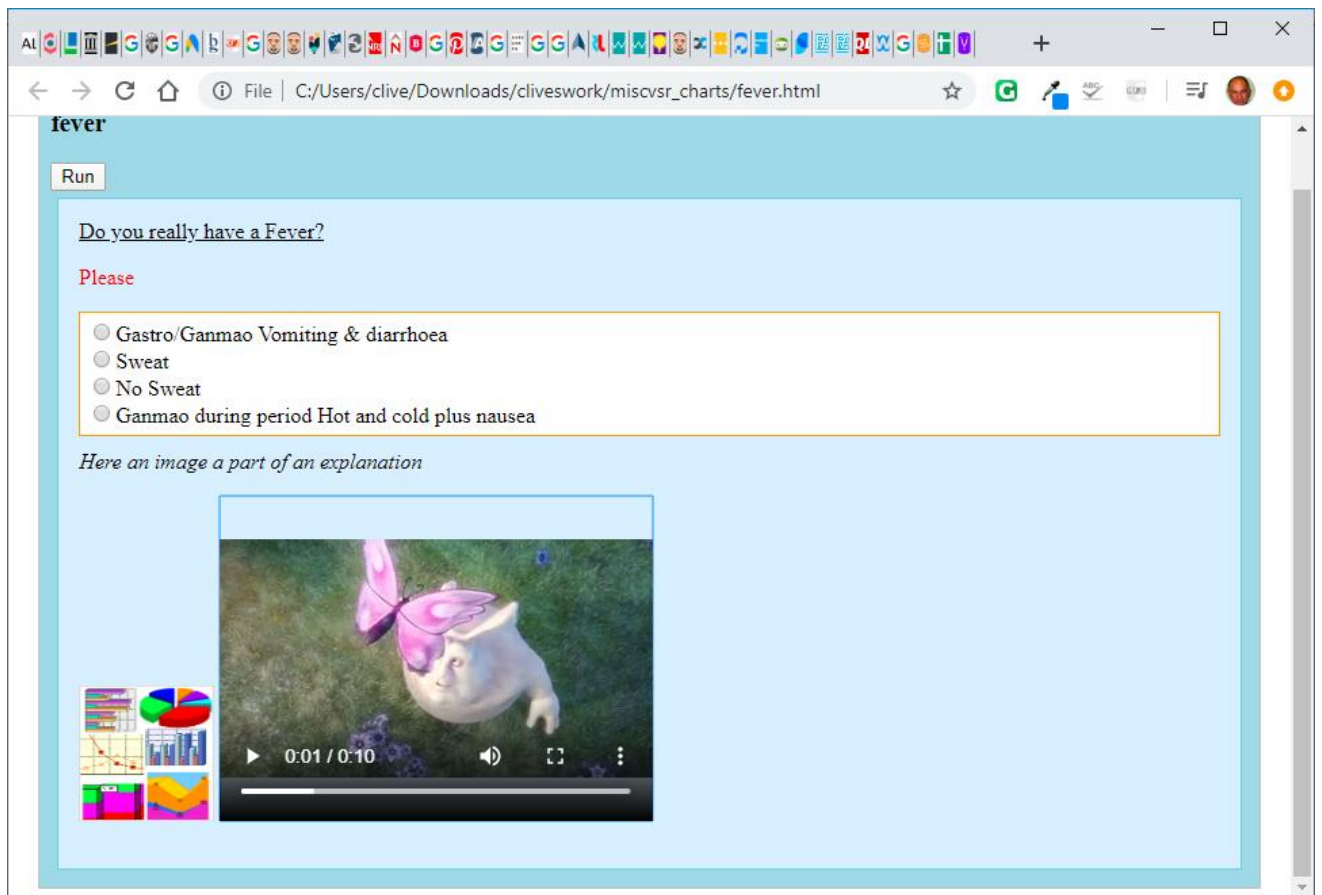
Now we get:



The screenshot shows a web browser window with a quiz question. The question is "Do you really have a Fever?" and the instruction is "Please". Below the instruction is a list of four radio button options: "Gastro/Ganmao Vomiting & diarrhoea", "Sweat", "No Sweat", and "Ganmao during period Hot and cold plus nausea". Below the options is the text "Here an image a part of an explanantion" (note the typo) and a small image placeholder showing various charts and graphs.

How to Publish your chart as HTML/JS

We can also add video:



The explanation now contains:

Here an image a part of an explanation<P>

```

```

```
<video width="320" height="240" controls>
```

```
  <source src="https://www.w3schools.com/html/mov_bbb.mp4" type="video/mp4">
```

```
  <source src="https://www.w3schools.com/html/mov_bbb.ogg" type="video/ogg">
```

Your browser does not support the video tag.

```
</video>
```