Script to create VHDl files from BMP.

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**BMP file to MIF file python script**

**Prerequisites:**

Install python 2.7: <https://www.python.org/download/releases/2.7/>

Install PIL plugin for python: <http://www.pythonware.com/products/pil/> (Choose installation for python 2.7 latest edition – 1.1.7)

**Usage:**

1. Save BMP image with pixel depth of 8 bit
2. Run <script.py> “ImagePath” “OutputPath”
3. Enter the image pixel numbers in powers of 2 (eg. For image of 100x100 enter 14 – because 12^14 is 16K)
4. The output file is MIF file. You can load it to Quartus using the MegaWizard toolkit.