The general format for lattice files is the following:

“””  
Lx, Ly, Lz  
  
Bx  
By  
Bz  
  
S1  
S2  
…  
…  
SN  
  
Q1i, Q1j  
Q2i, Q2j  
…  
…  
QNi, QNj  
“””  
Lx, Ly and Lz represent the size of the lattice in Bx, By and Bz directions respectfully. Bx, By and Bz are basis vectors or your given lattice.  
S1, S2,…,SN are N vectors which represent the site locations when the lattice is broken down into its most basic form.  
Q1i,Q1j,Q2i,Q2j,…,QNi,QNj are 2\*N locations where a pair {Qmi,Qmj} represents the two endpoints of a bond on the most basic form of a lattice.

Notes:  
-A vector should be of the form x, y, z where x,y,z∈ℜ. For example the zero vector is written as:  
0, 0, 0  
-The vectors Bx, By, Bz should not contain any negative numbers. This is because a visual error may occur where some of the bonds aren’t displayed. This error arises in the method of determining the locations of all bonds on the lattice.  
-When start\_bonds is being used it is assumed that there are no site locations listed. Please follow this or an unexpected image will occur, or some other error.  
-The newline characters in the format are critical!