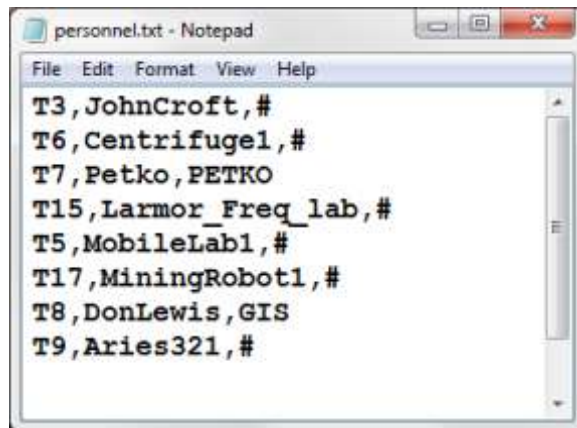


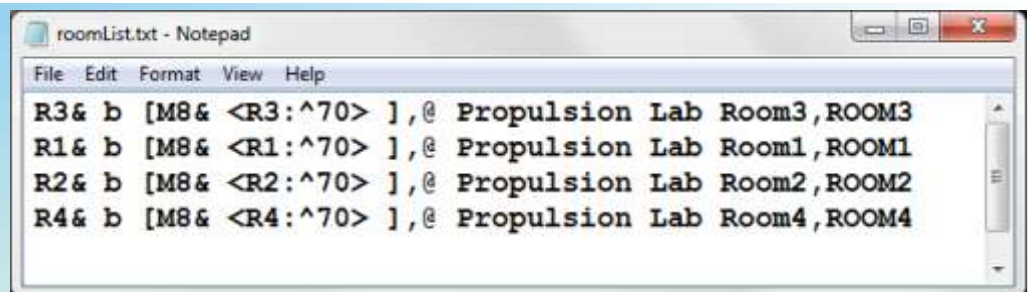
The hx19 locator system uses files in its config subdirectory for operations. The primary files are personnel.txt and roomlist.txt. Other files may also be of interest, but are regarded here as secondary.



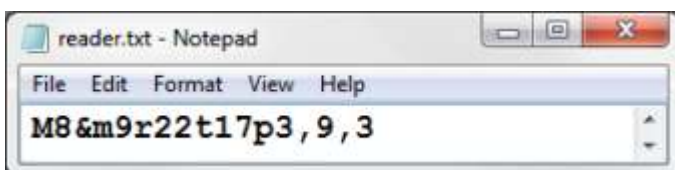
Every tag has an ID number label ranging from T1 to T1024. This ID must be associated with the appropriate tag carrier. The personnel file allows the user to associate tag IDs with items as shown above. Tags can also be associated with audio files, such as WAV files.

When the panic button on the associated tag is pressed, associated audio file is played on audio enabled computers. E.g T7,Petko,PETKO will append the time and location of T7 into a file called Petko.txt, and play PETKO.WAV when petko presses the panic button. Associations are separated by comma, # following a comma indicates no audio file has been associated.

The confine location should also be associated with a receiver. Receivers store incoming RFID/USID in a round buffer. Polling computers can fetch this information through the USB port reader HX19MS.



HX19RX buffers are cleared once the information has been fetched. The above roomlist.txt associates receiver R3 with propulsion Lab Room3, and audio file ROOM3. ROOM3.WAV is played by audio enabled computer when a panic button is pressed in the associated room. When a panic button is pressed, audio goes into a queue and is played on first come first serve bases. Hence the audio associated with a tag, is queued with audio associated with the room. Note: if there are multiple receivers per room, same association label can be applied to all of them.



The reader.txt is used to set the behavior of the HX19MS, its USB port number and the polling interval (in seconds) between receiver queries. Configuration parameters are separated by a comma.

Here HX19MS-8 is configured, comport is set at 9 and receivers are polled at 3 second intervals (M8&m9r22t17p3,9,3). See the Hx19 manual for more information.