This soft tool is used to convert the metadta file generated by the flybowl 0 to the new format. This way we are not changing the set up on the old flybowl, but still allowing for the option for videos collected on this bowl to also be run on Alice's pipeline.

Six files in this package:

1. convertMetaDataFile.m: main function to convert old metadata file to new format
2. struct2xml.m: convert a Matlab structure to xml file
3. xml2struct.m: convert a xml file to a Matlab structure
4. newMetaDataTemplate.xml: a template for new format of metadata file
5. metadDataOld.xml: an example of metadata file generated by the old flyBowl rig
6. Readme.pdf: quick instruction about the software tool

How to use:

In matlab, we need to specify the old meta data file name to the convertMetaDataFile function.

```
>>convertMetaDataFile('E:\CurrentProjects\FlyBowl4\metaDataFileConversi
on\metaDataOld.xml');

it will generate a new format metafile, metaDataNew.xml, in the same
folder
```