

PYTHON! convert MS Excel to CSV...

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Do you have to get flat files from MS Excel and push the data around in your GIS? If so, this sample is for you! I don't typically want the fancy formatting stuff in Excel, and converting to comma seperated values can simplify the data.

In order to read the CSV file, you can use Python's CSV module:

<http://docs.python.org/lib/csv-examples.html>

```
def convertXLS2CSV(aFile):
    "converts a MS Excel file to csv w/ the same name in the same directory"

    print "----- beginning to convert XLS to CSV -----"

    try:
        import win32com.client, os
        excel = win32com.client.Dispatch('Excel.Application')

        fileDir, fileName = os.path.split(aFile)
        nameOnly = os.path.splitext(fileName)
        newName = nameOnly[0] + ".csv"
        outCSV = os.path.join(fileDir, newName)
        workbook = excel.Workbooks.Open(aFile)
        workbook.SaveAs(outCSV, FileFormat=24) # 24 represents xlCSVMSDOS
        workbook.Close(False)
        excel.Quit()
        del excel

        print "...Converted " + nameOnly + " to CSV"
    except:
        print ">>>>>> FAILED to convert " + aFile + " to CSV!"

convertXLS2CSV(r"C:\temp\cropRotation.xls")
```