
Subject: Now this is pretty cool

Posted by [jjacksonRIAB](#) on Mon, 11 Oct 2021 05:44:45 GMT

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I keep finding neat functions in Upp. I live for stuff like this:

```
struct Records {
    Vector<String> colA;
    Vector<String> colB;
    Vector<String> colC;
    Vector<String> colD;

    void Add(String a, String b, String c, String d) {
        colA.Add(a);
        colB.Add(b);
        colC.Add(c);
        colD.Add(d);
    }

    void Sort() {
        ColIndexSort3(colA, colB, colC, colD);
    }
};

CONSOLE_APP_MAIN {
    FileIn f("whatever.csv");
    Records recs;

    while(!f.IsEof()) {
        auto cols = GetCsvLine(f, ',', CHARSET_DEFAULT);
        recs.Add(cols[0], cols[1], cols[2], cols[3]);
    }

    recs.Sort();
}
```