
Subject: Re: GetCsvLine

Posted by [bozero](#) on Wed, 19 Dec 2018 08:31:27 GMT

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Thank you for your reply and nice example, Oblivion. But my focus on a string with zero length ("" before new line, GetCsvLine() seems just ignore it. Even though a pair double double quotation ("" is put as space holder between (,) and (\n). Shall I need to put extra (,) to end of the each line of CSV before call GetCsvLine ?

```
void getcsvline_vs_split()
{
  StdLogSetup(LOG_COUT|LOG_FILE);
  const String csvstr = "data1,data2,\"data3\"\\n\"data4,data5,\"\"\\n\"data7,data8,\" \" ,";
  DUMP(csvstr);
```

```
  Cout()<<"*** Get data via GetCSVLine ***\\n";
  stringstream ss(csvstr);
  int ln = 0;
  int total=0;
  while(!ss.IsEof()) {
    auto s = ss.GetLine();
    stringstream line(s);
    auto v = GetCsvLine(line, ',', CHARSET_DEFAULT);
    Cout() << "Line: " << ++ln << "\\n";
    for(auto e : v)
      Cout() << "Item " << ++total << " : " << e << '\\n';
  }
  Cout()<< "Total line: " << ln << "\\nTotal item: " << total << "\\n";
```

```
  Cout()<<"*** Get data via Split ***\\n";
  ln = 0;
  total=0;
  ss.Open(csvstr);
  while(!ss.IsEof()) {
    auto s=Split(ss.GetLine(),',');
    Cout() << "Line: " << ++ln << "\\n";
    for(auto e : s)
      Cout() << "Item " << ++total << " : " << e << '\\n';
  }
  Cout()<< "Total line: " << ln << "\\nTotal item: " << total << "\\n";
}
```

output:

```
csvstr = data1,data2,"data3" // string with ""
data4,data5,""           // empty string
data7,data8,"",         // extra comma at the end of line
```

*** Get data via GetCSVLine ***

Line: 1

Item 1 : data1

Item 2 : data2

Item 3 : data3 // string with "" is stripped

Line: 2

Item 4 : data4

Item 5 : data5 // expected empty string item "" is miss

Line: 3

Item 6 : data7

Item 7 : data8

Item 8 : // extra comma append for empty string item ""

Total line: 3

Total item: 8

*** Get data via Split *** // just compare with split

Line: 1

Item 1 : data1

Item 2 : data2

Item 3 : "data3" // string with ""

Line: 2

Item 4 : data4

Item 5 : data5

Item 6 : "" // string with ""

Line: 3

Item 7 : data7

Item 8 : data8

Item 9 : "" // string with ""

Total line: 3

Total item: 9