

MAPC2MAPC :Coordinate Conversion

This facility allows the conversion from one coordinate system to another. These can be any system or projection known to the program.

In 'expert' mode choose Utilites>Coordinate conversion.

On the window choose the systems/projections and, if required, the datums.

Coordinate conversion

Latitude/longitude
UTM/MGRS
OS Great Britain
Swiss Grid
Mercator
Spherical Mercator
Sph Mercator Polar Radius

TOKYO
TRISTAN ASTRO 1968
USNHO ASTRO 1943
VITI LEVU 1916
WAKE-ENIWETOK '60
WGS 72
WGS 84

Degree Display Format.
D DM DMS

☐ 2 dec metres

Latitude degrees Minutes Seconds N/S N

Longitude degrees Minutes Seconds E/W W

Enter Degress minutes and seconds (e.g 51 3 2.5) OR Degrees and minutes (51 3.4) OR Degrees (51.512 or 51,512)

Latitude/longitude
UTM/MGRS
OS Great Britain
Swiss Grid
Mercator
Spherical Mercator
Sph Mercator Polar Radius

Ord Srvy Grt Britn

Convert

File Convert

Close

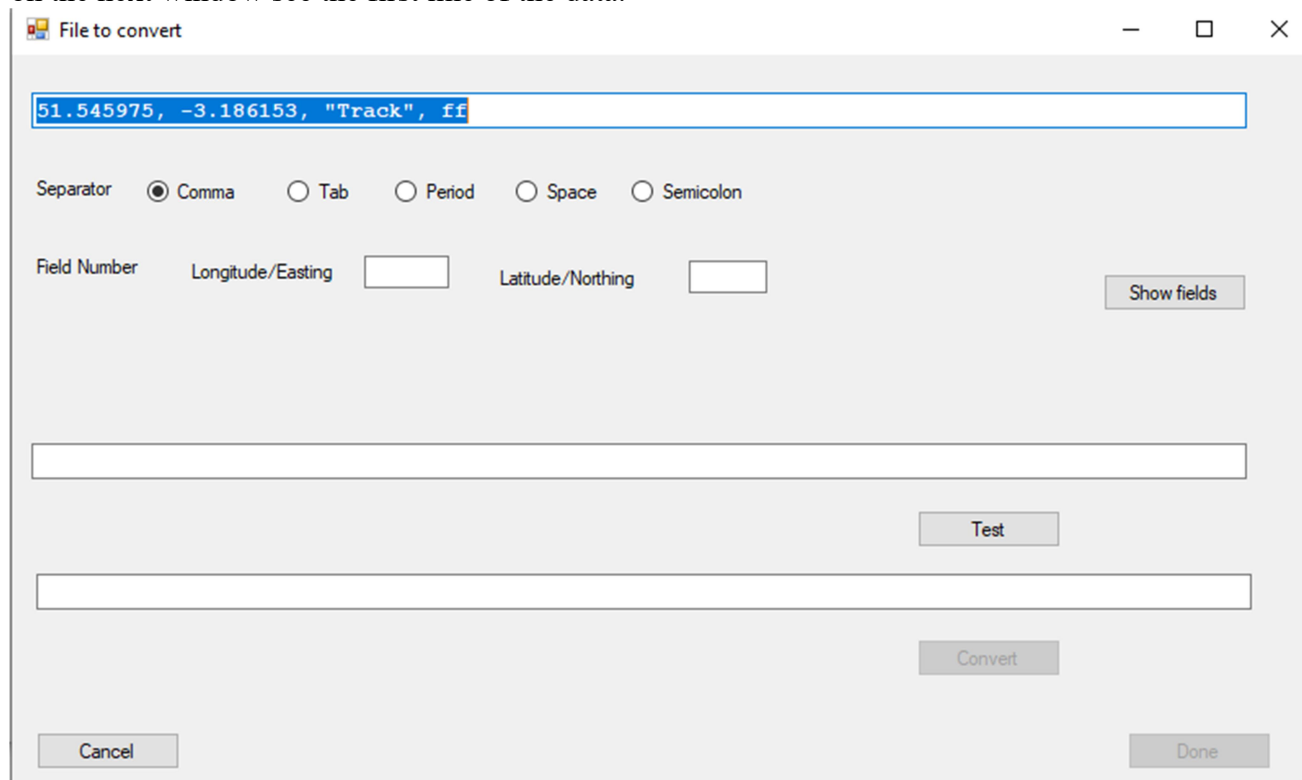
At this point enter the values of the source and click Convert to see the result

Or

click File Convert.

This converts a file of values.

The file needs to be in CSV format but there is a choice of separator. Choose the input and output files. Then on the next window see the first line of the data.



File to convert

51.545975, -3.186153, "Track", ff

Separator ☒ Comma ☐ Tab ☐ Period ☐ Space ☐ Semicolon

Field Number Longitude/Easting Latitude/Northing

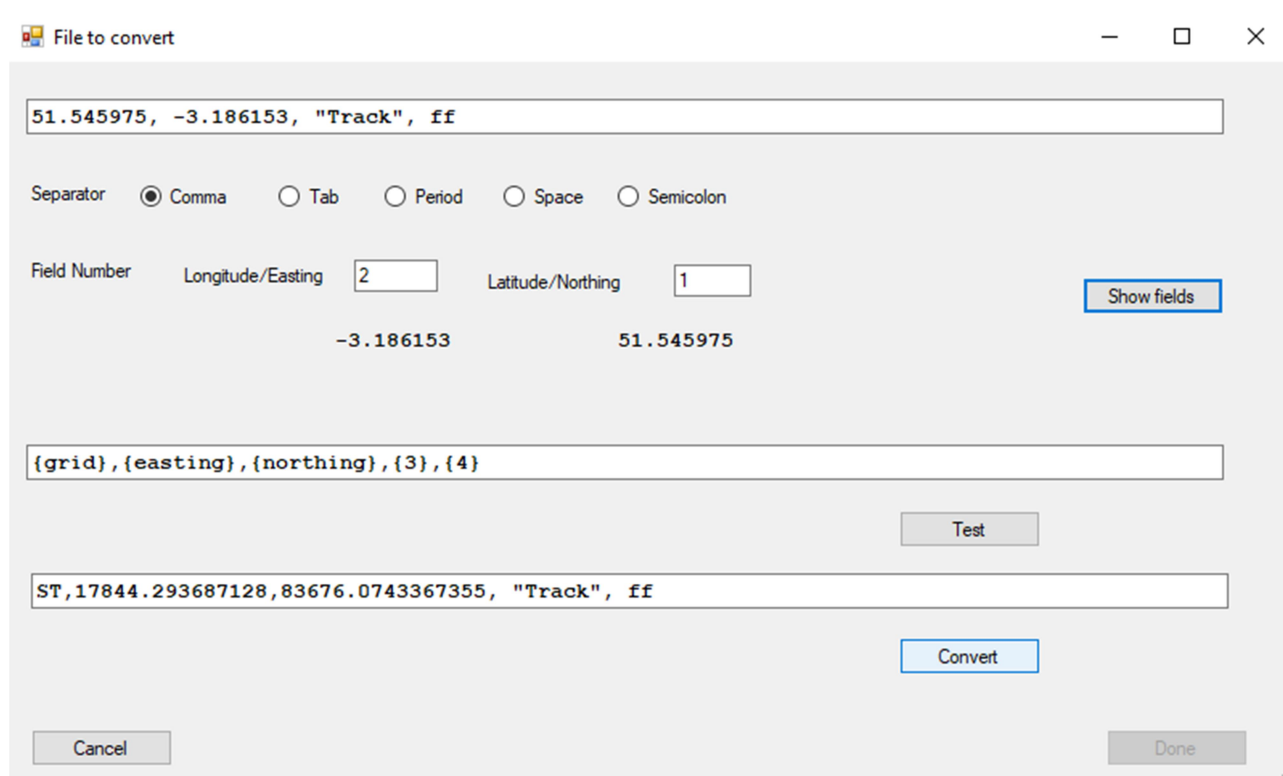
Show fields

Test

Convert

Cancel Done

Enter the field numbers (counting from 1) of the source coordinates. In this case the longitude is field 2 and the latitude field 1. Then click Show Fields.



File to convert

51.545975, -3.186153, "Track", ff

Separator ☒ Comma ☐ Tab ☐ Period ☐ Space ☐ Semicolon

Field Number Longitude/Easting Latitude/Northing

2 -3.186153 51.545975

Show fields

{grid},{easting},{northing},{3},{4}

Test

Convert

Cancel Done

The middle text box is a template for the output. In this box you can remove fields, reposition fields and/or insert a constant value. To see the effect on the output click Test.

When you are happy with this click Convert to create the output file.