

OruxMapsDesktop + .KAP maps.

Test your maps before using them in risky activities!

**OruxMaps not a professional application.
It is offered without any warranty.**

**You need the last version of OruxMapsDesktop (at least 1.4).
See OruxmapsDesktop manual for more info about this
application.**

http://www.oruxmaps.com/oruxmapsdesktop_en.pdf

What do you need:

1.- a .KAP file (image + calibration information). Current version only supports:
--Mercator projection.
--NAD83 & WGS84 datums.

2.- bsb2png (tool for converting .kap into .png image):

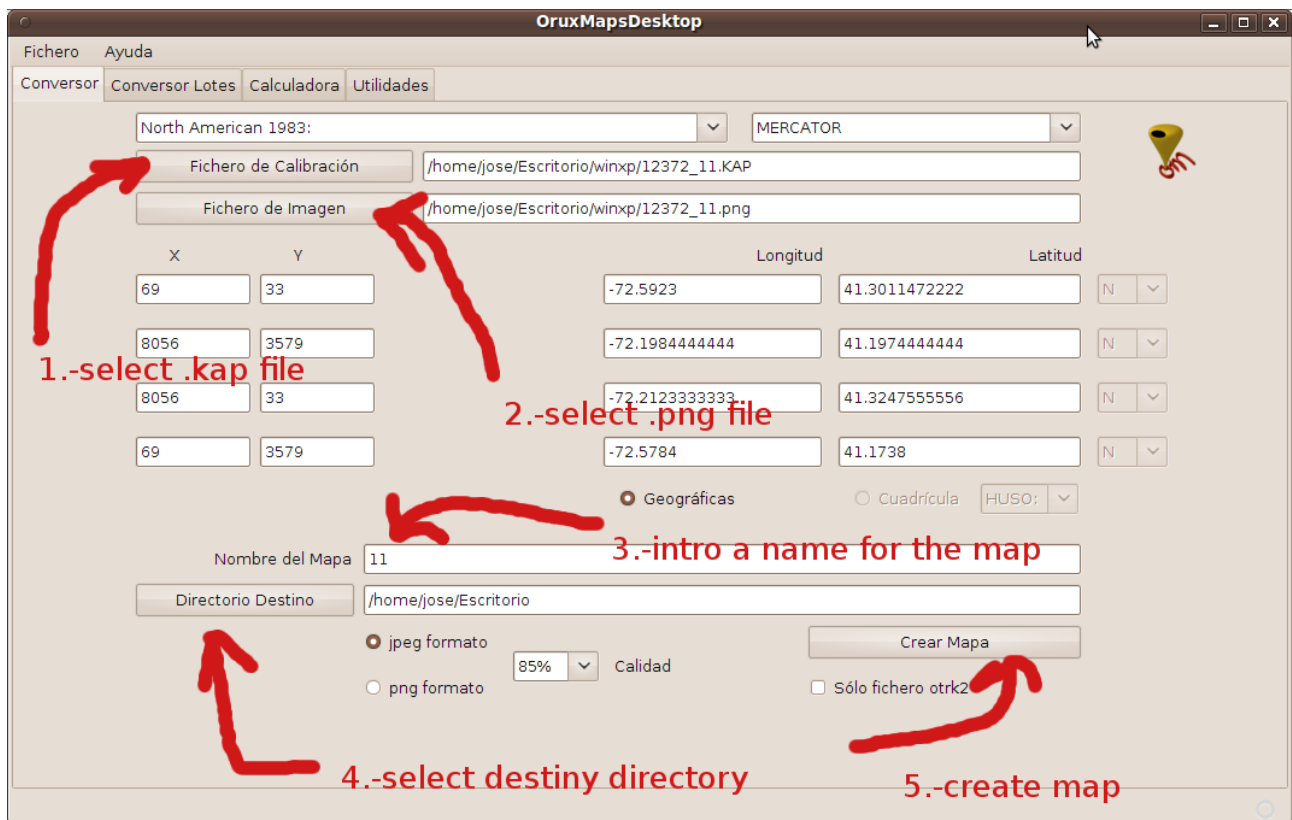
<http://libbsb.sourceforge.net/>

3.- last version of OruxMapsDesktop.

Howto:

1.- create .png image with bsb2png tool.

2.- with OruxMapsDesktop:



3.- test your map!!!!
(see below)

Info about Projection & Datum in a .kap file.

```
jose@jose-desktop: ~/Escritorio/winxp
Archivo  Editar  Ver  Terminal  Ayuda
!
CRR/This electronic chart was produced under the authority of USA-NOAA/NOS.
  By using this chart you acknowledge that you have read, understood
  and accepted the terms and conditions stated in the User Agreement:
  http://www.nauticalcharts.noaa.gov/mcd/Raster/download_agreement.htm
VER/3.0
BSB/NA=THAMES RIVER EXTENSION LEFT PANEL,NU=2168,RA=2121,4218,DU=254
KNP/SC=200000,CD=NAD83,PR=MERCATOR,PD=41.475,PI=1.000,SP=,SK=0.0000000
  TA=90.0000000,UN=FEET,SD=MEAN LOWER LOW WATER,DX=2.00,DY=2.00
KNQ/EC=RF,GD=NARC,VC=UNKNOWN,SC=MLLW,PC=MC,P1=UNKNOWN,P2=41.475
  P3=NOT APPLICABLE,P4=NOT APPLICABLE,GC=NOT APPLICABLE,RM=POLYNOMIAL
CED/SE=34,RE=01,ED=11/01/2006
NTM/NE=34.215,ND=12/19/2009,BF=OFF,BD=11/01/2006
ADN0001/USCG;1;11/23/2004;;12/08/2009;
ADN0002/CHS;1;;;09/25/2009;
ADN0003/NIMA;1;;;12/19/2009;
ARE0001/,41.456944,-72.093889,REV
  The controlling depths at MLLW were 22 feet for a mid-width of 150 feet fro
  Depth Note - Thames River to:,1|CL|189-20|02/04/2008|05/01/2008|15486|||
ARE0002/,41.452500,-72.074278,REV,8 for 13,Sounding in Feet,1|CL|189-20
  02/04/2008|05/01/2008|15486|||
ARE0003/,41.447222,-72.093889,ADD,NO-DISCHARGE ZONE (see note Z)
  No-Discharge Zone Label,1|CL|1142-2|05/12/2006|11/01/2006|13335|4506|
  11/07/2006
ARE0004/,41.502778,-72.073056,ADD,NO-DISCHARGE ZONE (see note Z)
  No-Discharge Zone Label,1|CL|1142-2|05/12/2006|11/01/2006|13335|4506|
  11/07/2006
OST/1
IFM/4
RGB/1,0,0,0
RGB/2,255,255,255
RGB/3,244,232,193
RGB/4,214,219,201
RGB/5,114,114,114
RGB/6,150,176,155
RGB/7,219,73,150
RGB/8,209,221,239
-Más -- (0%)
```

test with your device + google maps:

- 1.- open the map with OruxMaps.
- 2.- look for a characteristic point on the map (a cross, a lighthouse...).
- 3.- enter their coordinates in google maps, checking that target the same site.

