

## Run

```

In[*]:= $AlbumDirectory = "C:\\drorbn\\Album\\2026.08.22-23_Aachen_to_Luxembourg_Ride";

In[*]:= res = 800;
fs = FileNames[$AlbumDirectory <> "/*.gpx"];
fs = Complement[fs,
  Union[
    StringReplace[{"@.gpx" → ".gpx", "@.kml" → ".kml"}] /@
    Select[fs, StringPart[#, -5] == "@" &]
  ]
];
data = DeleteCases [
  Union@Table["Geometry" /. Import[f, "Data"], {f, fs}],
  GeoPosition[[_ , None]], ∞
];
map0 = GeoGraphics[{Red, data}, GeoScaleBar → "Kilometers", ImageSize → res];
AllTracks = Get["C:\\drorbn\\Album/Summaries/AllTracks.m"];

In[*]:= Rasterize [
  map = GeoGraphics[{Thickness[0.0016], Blue, AllTracks, Thickness[0.0024], Red, data},
    GeoScaleBar → "Kilometers",
    ImageSize → res,
    GeoRange → (GeoRange /. Options[map0])
  ],
  RasterSize → res
];
Export[$AlbumDirectory <> "/Path%.png", map];

In[*]:= map3D = Echo@ResourceFunction["GeoElevationGraphics3D"] [
  {Thick, Blue, AllTracks, Red, data},
  GeoGridRangePadding → 0,
  GeoScaleBar → "Kilometers",
  ImageSize → res,
  GeoRange → (GeoRange /. Options[map0])
];
Export[$AlbumDirectory <> "/Path3D.png", map3D]

```

```

In[*]:= PathsLocation = Module[{R = 3000, r = 80, n = 6, res = 1000},
  ImageAssemble[
    Partition[#, 3] &@Table[
      Rasterize[
        GeoGraphics[
          {Blue, Thickness[(2 n - k) / 4000], AllTracks, Red, Thickness[(2 n - k) / 1500], data},
          GeoCenter → Mean[Join@@Cases[data, GeoPosition[L_List] :> L, ∞]],
          GeoRange → Quantity[R (r / R)^(k-1)/(n-1), "Kilometers"],
          GeoScaleBar → "Kilometers",
          ImageSize → res
        ],
        RasterSize → res
      ],
      {k, n}],
    "Fit", Background → White]
  ]
Export[$AlbumDirectory <> "/PathsLocation.png", PathsLocation]

```

## Path With Images

```

In[*]:= imgs = FileNames["*.jpg", $AlbumDirectory];
map = GeoGraphics[{
  GeoMarker[
    GeoPosition[{1, -1} * Lookup[Import[#, "Exif"], {"GPSLatitude", "GPSLongitude"}]],
    Graphics@Rasterize[Import[#, RasterSize → res],
    "Scale" → 0.0075
  ] & /@ imgs,
  Thickness[0.0016], Blue, AllTracks, Thickness[0.0024], Red, data
},
GeoScaleBar → "Kilometers",
ImageSize → res,
GeoRange → (GeoRange /. Options[map0])
]
Export[$AlbumDirectory <> "/PathWithImages.png", map]

```

## Image Directory

```

In[*]:= If[Head[PensieveDirectives] === List,
  ImageComments = "ImageComments" /. PensieveDirectives, ImageComments = {}];
(Interpretation[ImageResize[Import@#, 400], FileNameTake@#] →
  (FileNameTake[#] /. ImageComments /. (FileNameTake[#] → ""))) & /@
FileNames["*.jpg" | "*.jpeg" | "*.png" | "*.mp4", $AlbumDirectory]

{}

```

## Export

On Friday, a long train ride to Aachen. On Saturday, a 113km ride with 1040m of ascents from Aachen to a campground in the north of the Duchy of Luxembourg, where I stayed in a tiny \”leaf\” trailer.

My and

```

PensieveDirectives = {
  "TitleNotes" →
    "On Friday the 21st, a long train ride to Aachen. On Saturday, a 113km ride
    with 1040m of ascents from Aachen to a campground in the north of
    the Duchy of Luxembourg, where I stayed in a tiny \"leaf\" trailer.
    On Sunday, a 79.7km ride with 750m of ascents from my leaf to the
    city of Luxembourg, and then a bus/train combo back to Groningen.
    <p>My and <a
      href=../Equipment/Bromp/index.html>Bromp</a>'s first time in Luxembourg!",
  "ImageComments" → {
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "",
     → "My leaf accommodation",
     → "The view from my door",
     → "",
     → "" }
}

```