

# Teoridiskussioner

2020-04-05, del 6

# Tidigare genomgångar

- Kunskapsnivåer
- Klasser
- Skalar & Ekvidistans
- Kartnormen
- Kontrollbeskrivningar
- Orienteringsteknik
- Analys av banor
- Orienteringsteknik
- Kunskapsnivåer
- Distansernas särart
- Hur övar vi

# Dagens träff

- IT stöd för
  - Kartrevideringar
  - Banläggning
  - Tävlingsadministration
- Sprintträning

# KARTRITNING & KARTREVIDERINGAR

# Open Orienteering Mapper

- <https://www.openorienteering.org/apps/mapper/>
- Senaste versionen är 0.9.2 från 5 mars 2020

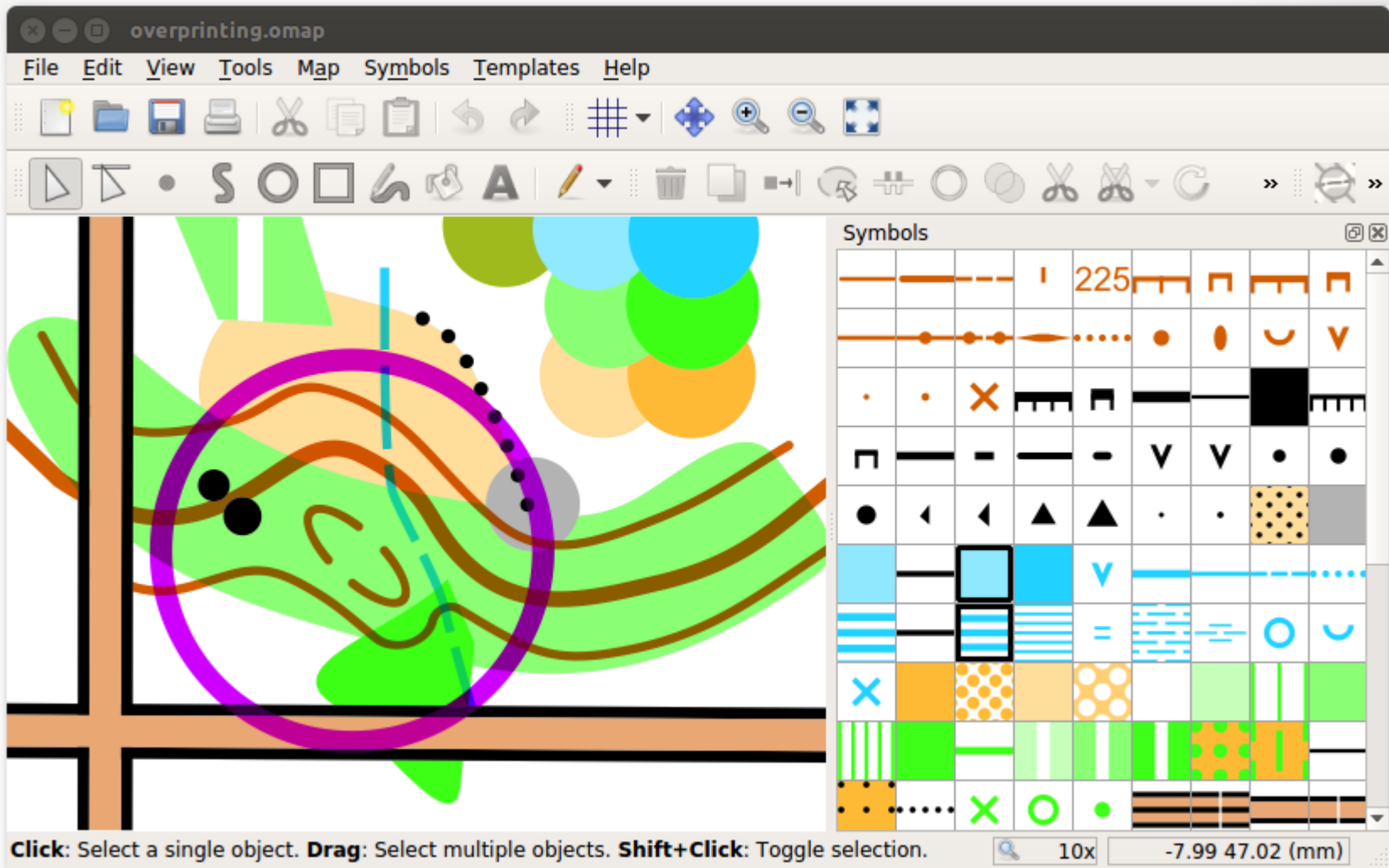
OpenOrienteering Mapper is an orienteering mapmaking program and provides a free alternative to the existing proprietary solution. Its main advantages compared to it are:

- Open Source: The program is completely free, every programmer can improve it.
- Cross-platform: The program works on Android, Windows, macOS and Linux.

While it is under continuous development and considered in beta state, it has been used to produce maps for classical orienteering, MTBO and radio orienteering races. All required functions for drawing maps are implemented and the program works very stable. So it can be considered ready for productive use, although it is like always a good idea to keep backups of your files. We are happy about feedback to the program.

**Main features** of the current version include:

- Symbol sets for ISOM 2017-2, ISSprOM (sprint), ISMTBOM (mountain bike), ISSkiOM 2019 (ski), course design and control description sheets
- Import and export of ocd maps and symbol sets (import: version 6 - 2018, export: version 8 - 12)
- Georeferencing (based on PROJ library)
- Working with various kinds of templates:
  - Raster images (bmp, jpg, tif, png, gif etc. based on GDAL library), including world files and GeoTIFF
  - GPS tracks (gpx)
  - Vector data (dxf, osm, shp etc. based on GDAL library)
  - Maps (ocd, omap)
- Working with all important symbol types:
  - Points
  - Lines
  - Areas
  - Text
  - Composite symbols
- Drawing tools and many editing tools for objects
- Printing, PDF and raster image export for getting the map into course setting programs
  - Overprinting simulation (raster output)
  - CMYK PDF export (vector output)
- Translated into more than 20 languages



# BANLÄGGNING



# Purple Pen

- <http://purplepen.golde.org/>
- Senaste versionen är 3.3.0 från 20 november 2019

Purple Pen is course setting software for orienteering. Purple Pen makes it easy to design orienteering courses and their associated control descriptions.

Design your courses visually — directly on any OCAD map, OpenOrienteering Map, or PDF map. View the course and the control descriptions at the same time, and simply click on the control descriptions to set the correct description for each control. Purple Pen automatically does all the busywork:

- Print maps with courses overprints directly (without needing OCAD), or export course maps to OCAD or OpenOrienteering Mapper for final printing, or create PDF files for a print shop.
- Use either an OCAD map (OCAD versions 6-12 supported), OpenOrienteering Mapper map, PDF map, or bitmap map (JPG, GIF, PNG, TIFF, BMP).
- Print a perfectly formatted control description sheet, with symbolic or textual descriptions (or both). Textual descriptions are automatically generated. Description sheets can be placed onto the map.
- Calculate the length of each course automatically.
- Make sure that the codes and descriptions of shared controls are in sync.
- View or print an all controls map.
- Easily change control codes — one at a time or all at once.
- Calculate how many competitors are visiting a control or running a leg.
- Print master punch cards for easy control card checking.
- Export course data to event management or electronic punching software (IOF standard XML format, version 2 or version 3).
- View or print several different reports about the courses and controls.
- Download control locations to your mobile GPS device.
- Supports both the IOF 2000 and 2018 control description standards.

Alla kontroller

Rita din egen OL-bana 140918

Alla kontroller 16 kontroller

▶	◇		
110	▲		○
111	○		○
112	∩		
113	/	X	
114	≡		
115	•		○
116	≡		
117	2232		✓
118	◇		○
119	U		
120	↘	≡	
121	SO		
122	∩		
123	▲		○
124	/	Y	
125	∩		

Alla kontroller

Använda kontroller:  
ingen

Oanvända kontroller:  
16 kontroller, 1 start, 1 mål

## Sörbyskogen-Sörbybacken

Ny bana

Banans namn:

Bantyp:

Stigning:  meter

Klasslista / sekundär titel

Följande text kommer synas på andra raden av kontrolldefinitionen (valfritt).

Utseende

Kartans utskriftsskala: 1:

Definitionens utseende:

Kontrollcirkel-text:

Första kodsiffran:

OK    Avbryt

Ekvidistans: 2,5 meter  
Skala: 1:7 500

# ADMINISTRATION

# MeOS

- <http://www.melin.nu/meos/sv/>
- Senaste versionen är 3.7.1178 RC1 från 25 februari 2020

## MeOS Funktionsbeskrivning

### Administrera orienteringsträning och tävling

MeOS används för att administrera orienterinsträning och tävling. Programmet hanterar anmälningar, startlistor, banor, gafflingar, lottning, stafett och patrull, tidtagning, resultat, speakerstöd med mera.

## Resultat – Uppsala möte, långdistans

2012-04-22

D21		[27/27]	Tid	Efter	Bomtid
1.	Alexandra Bjärrenholt	Valentuna-Össeby OL	55:40		00:34
2.	Linda Byström	Stora Tuna OK	59:06	+3:26	00:53
3.	Rebecca Bjärrenholt	Valentuna-Össeby OL	1:00:09	+4:29	00:00
4.	Hilda Forsgren	Täby OK	1:00:19	+4:39	00:00
5.	Fanny Fredriksson	IF Thor	1:04:37	+8:57	02:25
6.	Maria Von Schmalensee	Täby OK	1:04:41	+9:01	02:19
7.	Ingela Eriksson	Gävle OK	1:05:04	+9:24	00:57
8.	Laila Ingelsson	OK Hamnaren	1:05:16	+9:36	02:13
9.	Ida Forsgren	Forsa OK	1:05:35	+9:55	04:22
10.	Elin Hamrefors	OK Landehof	1:05:56	+10:16	05:09

Återgå

Skriv ut

Webb

Eget fönster

Automatisera

Automatisk rullning

Fullskärm

Kom ihåg listan

Självvald väg genom okänd terräng

# ORIENTERING