



# OpenOrienteering Mapper

## The long way to 1.0

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# OO Mapper: Intro

- OpenOrienteering Mapper:  
Software for making Orienteering maps following IOF standards (ISOM, ISSOM)
- Free and open source
- Available for different platforms
- Developed by volunteers
- Started in 2011, public since 2012, 0.5.3 in 2013



# OO Mapper: Platform Support

- Released for Windows, OS X, Linux, Android
- Development and most testing on Linux
- Android: Cross-compiled from Linux
- Windows: native build slow, alternative: cross-compile
- OS X: must compile on OS X
- Android: different CPUs (arm, arm-v7, mips, x86), quite different in many regards

# OO Mapper: Printing and PDF

- Desktop printing: Relying on Qt Toolkit
- Platform dependencies do still exist
  - Bugs (OS X: can't change dpi)
  - Limitations (Win.: coordinates rounded to dpi)
- PDF is intermediate format for Linux and OS X
- No support for PDF's professional printing features
- Spot color support in 0.6
- But no course setting...  
Will you print competition maps?

# OO Mapper: File Formats

- Standard format based on XML
  - Flexible, but changes still require great care
  - Performance and file size issues
- OCD files:
  - Brief documentation available, versions 6 - 11
  - Import reimplemented in 2013, export pending
  - Import/export lossy due to different concepts
- DXF files:
  - Huge specification, many versions
  - Implemented as needed, must be rewritten
- OSM, GPX, images



# OO Mapper: Features in 0.6

- Auto-save and recovery
- Spot color printing
- Map parts
- Object tagging (keyword – value, cf. OSM)
- Bug fixes :-)
- User interface improvements

# OO Mapper

## So where is 1.0?

- Mapper is quite mature even at 0.5.3.
- Recent snapshot for Linux available („unstable“)
- For now, keep out non-essential features, fix and polish essential features.
- Non-essential - coming later?
  - Translated symbol sets
  - Map north other than magnetic north
  - Course setting



# OO Mapper: Contributing

- Fields of contribution
  - Source code
  - Documentation
  - Translations
  - Test case
- Quick-and-dirty solutions not acceptable!
- Public project on Sourceforge  
(wiki, tickets, forum, mailing list)