Current release

• Version 1.0
• File-name templates
• New color types
• Object specials
• Improved output
• Groff support
Goals

- Alongside regular METAPOST
- Dynamic array allocation
- Greater precision
- Range limits removed
Rounding and Precision

100 = 300*1/3;
Range limits
Current workflow (simple)
Workflow (for PDF)
Workflow (with labels)
Workflow (for $\text{T}_{\text{EX}}$)
Workflow (Dynamic Inclusion)
Goals

- Reusable METAPOST component library
- Fully reentrant
- Redirection layer for I/O
- Re-engineered labeling system
- Configurable error strategies
• Global variables
• Pascal is too rigid
• Complex build system
IMPLEMENTATION

• Convert to CWEB or NOWEB
• ANSI C
• System-targeted Makefile
• Documented application interface
• Lua binding as example (and for LuaTEX)
Funding

by the worldwide TEX User Groups

• Dante
• Tug India
• Tug
• NTG
• CSTug
• GUST
How to find MetaPost

WWW Homepage and portal:

- http://www.tug.org/metapost
How to find MetaPost

User mailing list:

- http://www.tug.org/mailman/listinfo/metapost
How to find MetaPost

Development & sources:

• https://foundry.supelec.fr/projects/metapost
The End