Building Documents in a Java world

eclipse

http://www.meetup.com/Trondheim-Eclipse-User-Group/

Oxygen DemoCamp Trondheim

August 24th 2017 at 16:30
Itema Offices, Granåsveien 3,
Trondheim

eclipse itema

Torkild Ulvøy Resheim

- Part owner & Senior Software Engineer at Itema AS
- A few roles at Eclipse Foundation:
  - Eclipse Board of Directors Member
  - Eclipse Architecture Council Member
  - Science Working Group Steering Committee
  - Science Project Management Committee
  - TeXlipse project lead
  - Committer at Mylyn Docs, Mylyn Builds, TeXlipse

Producing documents using Java

Java has a **huge** selection of open source API's and tools:

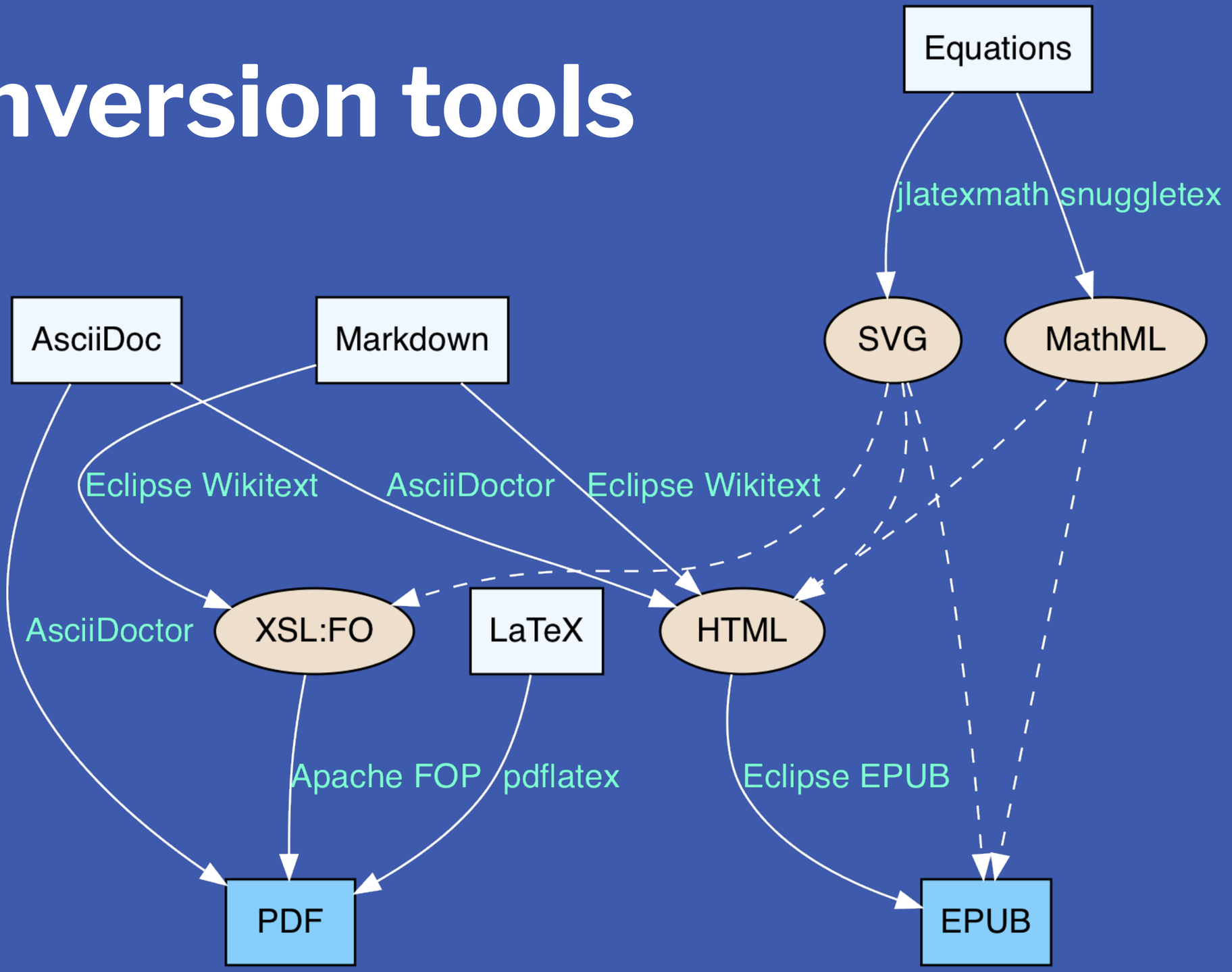
— Templating engines
— Wide range of source types and result formats
— Conversion tools (we'll look at some)
— Editors in Eclipse

From source to production[1]

	PDF	EPUB	Editor	Usage
Markdown	Eclipse WikiText + Apache FOP	Eclipse Docs WikiText + EPUB	Eclipse (Mylyn Docs)	Project docs, wikis
AsciiDoc	AsciiDoctor, JRuby	AsciiDoctor + Mylyn WikiText	VS Code	User guides, books
LaTeX	pdflatex	TeX2ht + Mylyn WikiText	Eclipse (TeXlipse)	Papers, publications

[1] Some of my preferred toolchains

Conversion tools



Useful Eclipse plug-ins

— Eclipse TeXlipse
— Eclipse Mylyn Docs (WikiText & EPUB)
— Eclipse GEF (Graphical Editing Framework)
— Torkild's Equation Editor

Time for a DEMO

Thank You!

torkildr on Twitter

tur@itema.no

https://git.io/v5Leq