

ConT_EXt as part of a larger system

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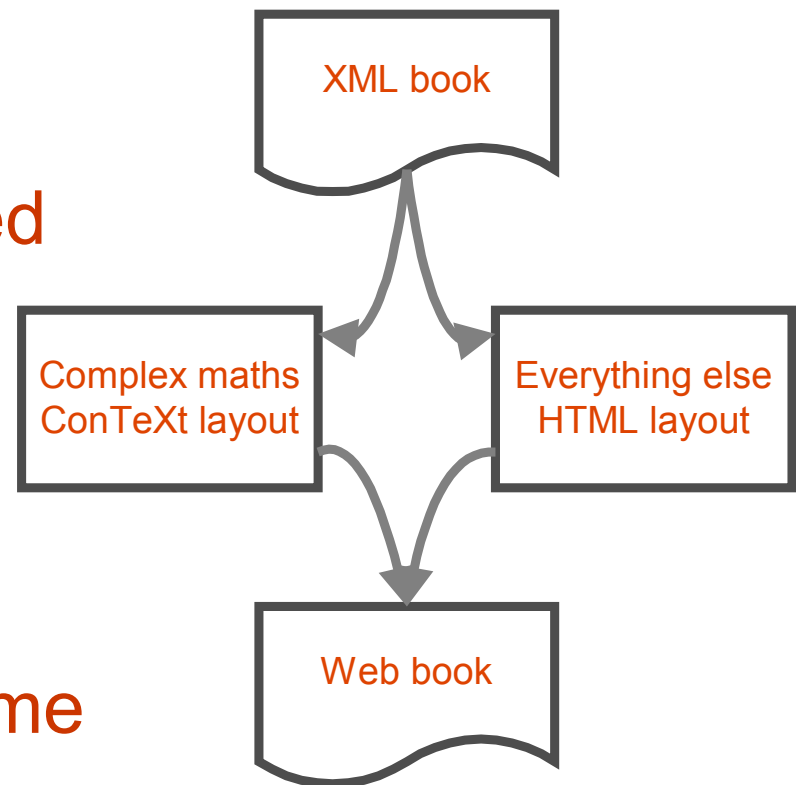
- What does it mean? ^[4]
 - Use as a batch workhorse, rather than a macro-writing environment
 - Treat as a filter/pipe converting data into layout consistently
 - Manage styles and setups externally
 - Explicit and reuseable rather than concise and clever!

- What does it involve? ^[6]
 - fast, repetitive batch processing
 - consistency and longevity of output
 - externalisation of styles
 - independence of data
 - fault tolerance and clean error handling
 - reliability and reproducibility

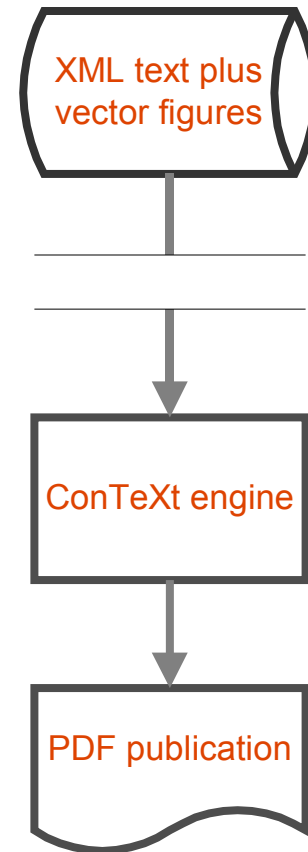
- Why would you want it? ^[5]
 - Multiple and mixed media production
 - Content management system output
 - Report generation
 - Internationalisation
 - Fragment generation for web

- How might you do it? ^[6]
 - Use XML as your master source
 - Embed ConTeXt into web services
 - Incorporate log parsing into error handlers
 - Use hierarchical templates for styling:
“CCSS – Cascading ConTeXt stylesheets”
 - A ConTeXt daemon
 - ConTeXt format subsets

- Micro-example:
Maths for HTML ^[5]
 - limited format needed
 - thousands of calls per minute
 - highly available
 - fault tolerant (batch)
 - stable output over time



- Macro-example:
CMS print production ^[6]
 - hierarchical styles
 - multiple calls per minute
 - highly available
 - fault tolerant (big batch)
 - stable output over time
 - multi-lingual capability



- Future thoughts ^[3]
 - Embeddable ConTeXt
 - ConTeXt lite
 - ConTeXt daemon with compiled formats



ConTeXt as part of a larger system

- Finally...

THANK YOU



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