

Accessibility in Mathematics

A collaborative project

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Portland Community College

February 19th 2013

Where do we start?

Final
product?

Accessible
formats?

Faculty
responsibilities?

Best
practices?

MathML?
MathJax?

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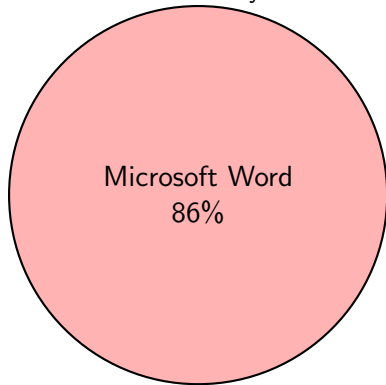
Faculty
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Best
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MathML?
MathJax?

Input from department

What tools do faculty use?

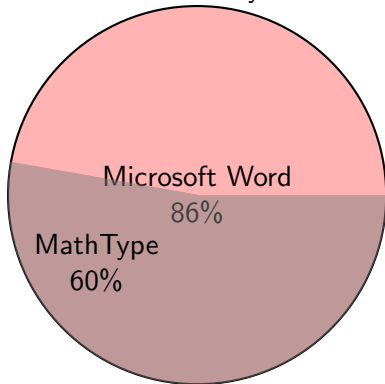


Other tools

- Graph
- Winplot
- GeoGebra
- Maple
- Excel
- PowerPoint
- Applets/videos, etc

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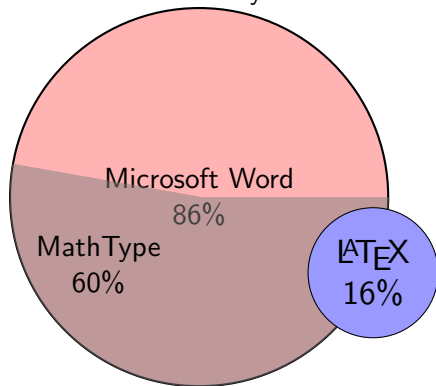


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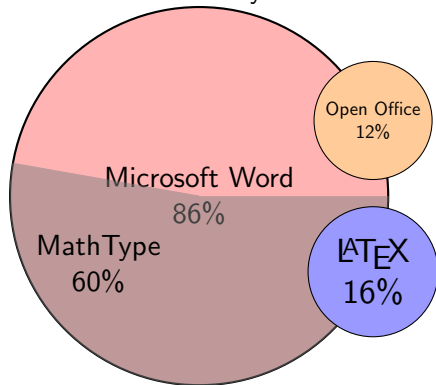


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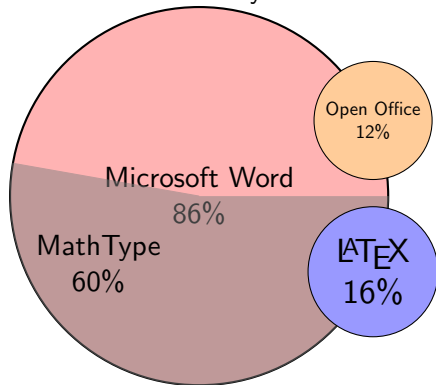


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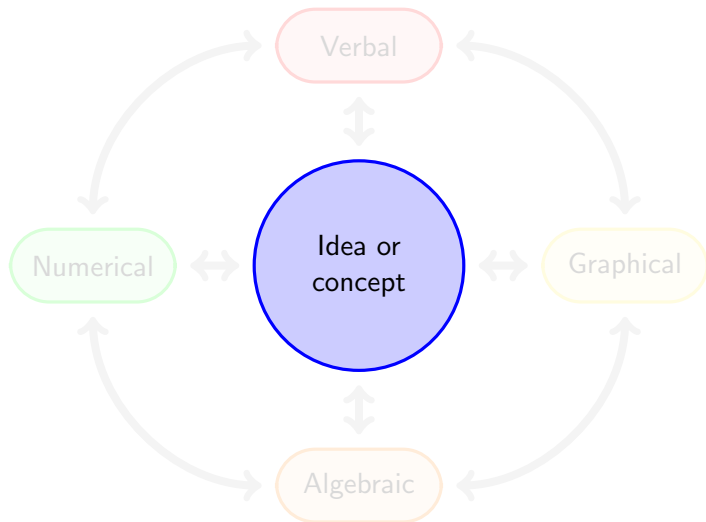
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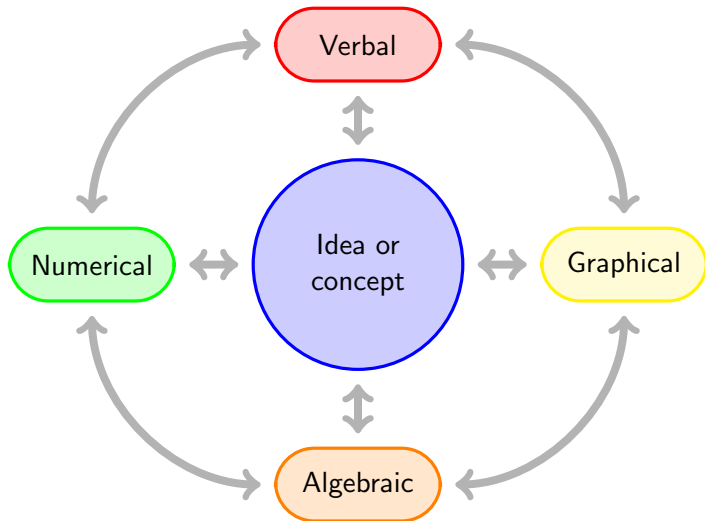
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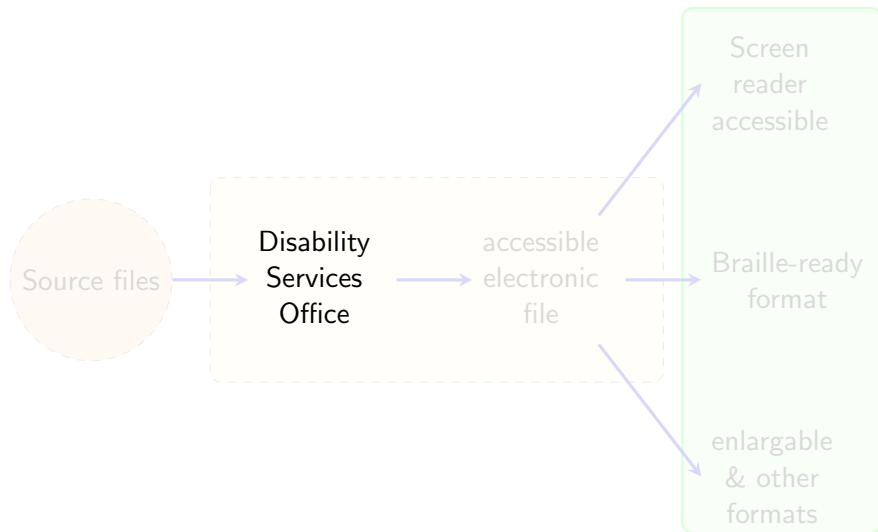
Rule of four



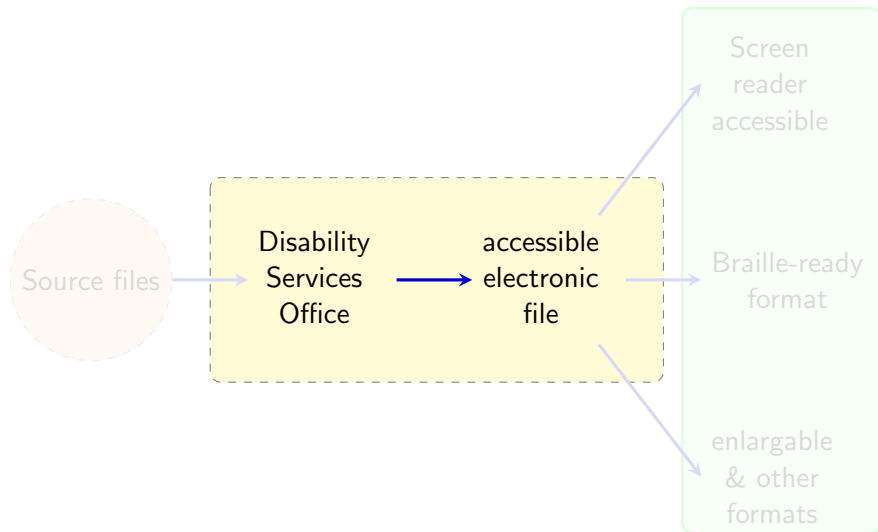
Rule of four



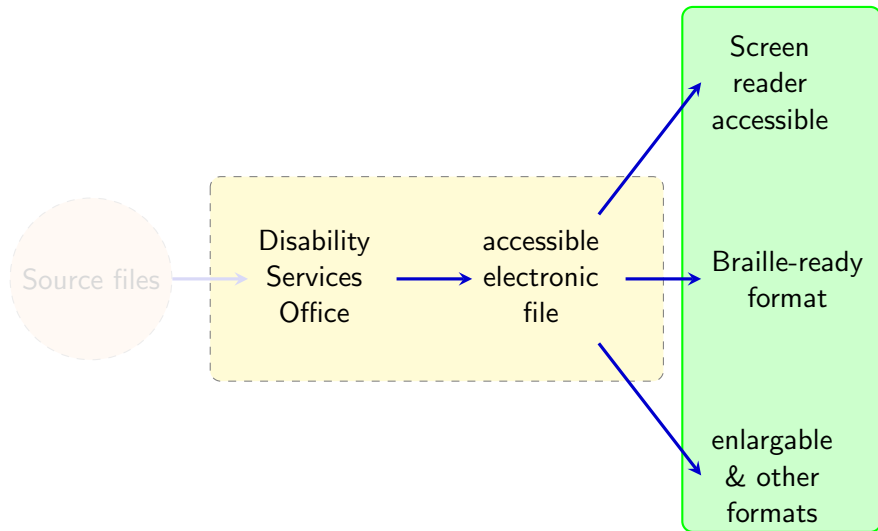
Workflow



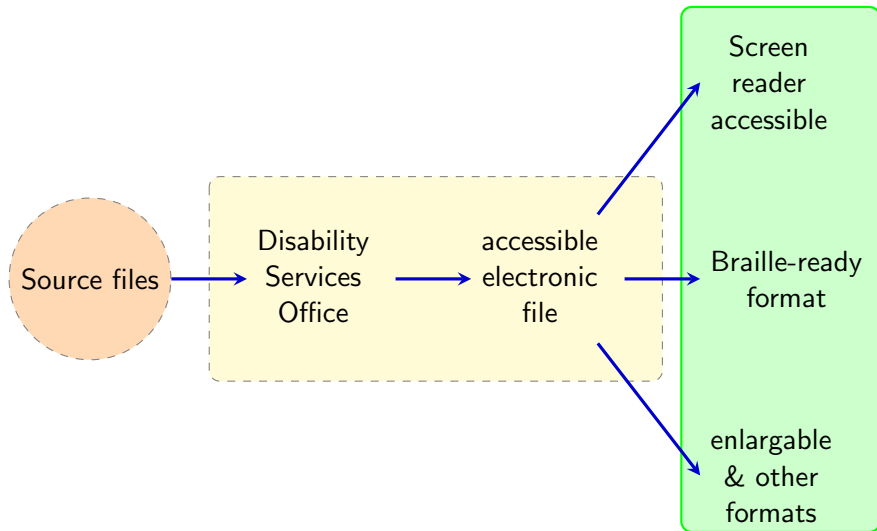
Workflow



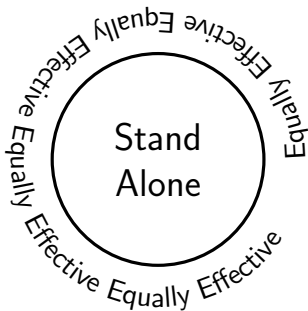
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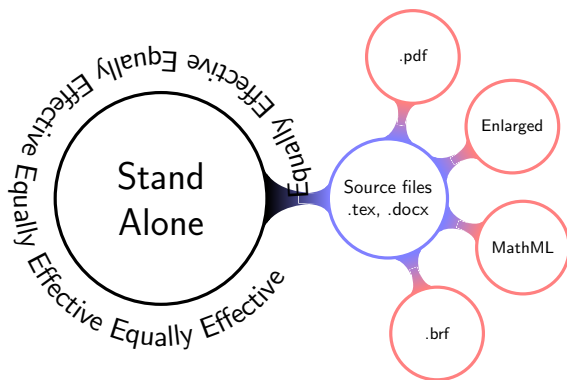
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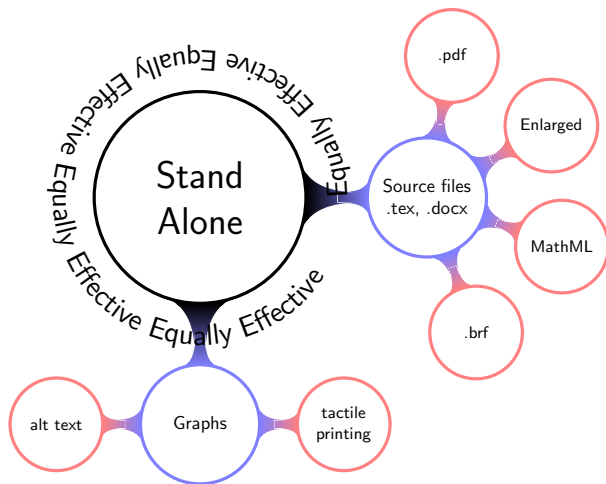
Stand alone concept



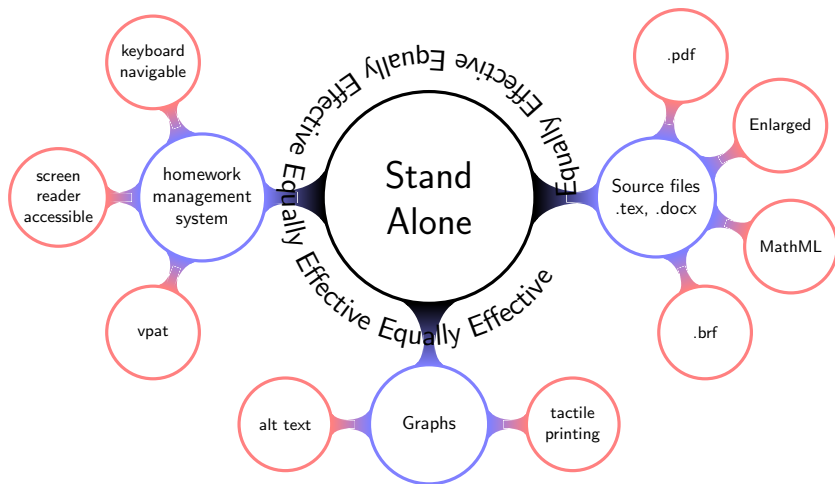
Stand alone concept



Stand alone concept



Stand alone concept



What stands alone?

- MS Word with MathType
- \LaTeX
- LibreOffice
- Scientific Notebook
- Graphs
- Prepared lecture notes
- Desire2Learn
- WeBWorK
- Videos

MyMathLab

- MS Word OMML
- PowerPoint
- TestGen
- GeoGebra applets
- Flash-based applets
- Other media

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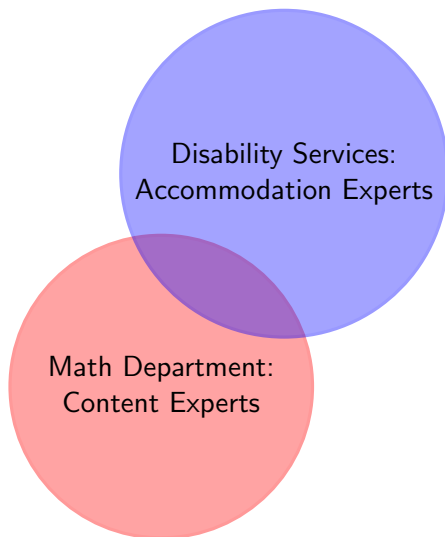
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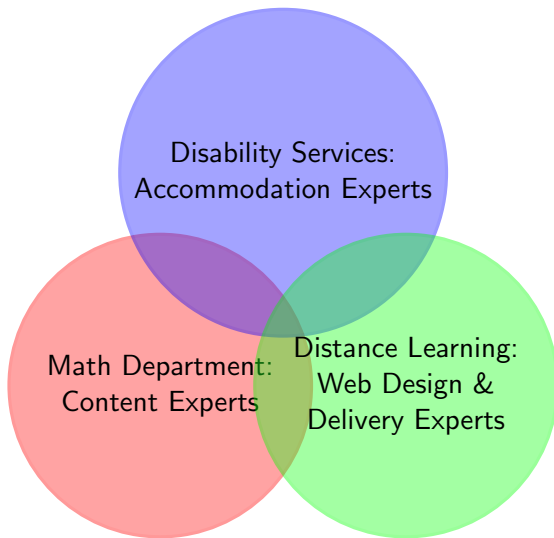


Math Department:
Content Experts

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