

# 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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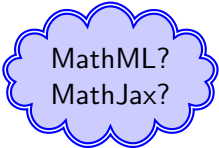
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Faculty  
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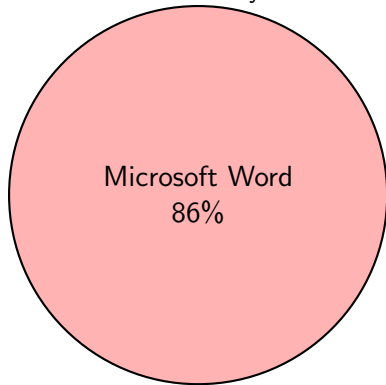
Best  
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MathML?  
MathJax?

# Input from department

What tools do faculty use?



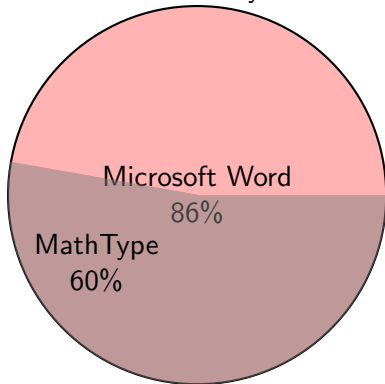
Other tools

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



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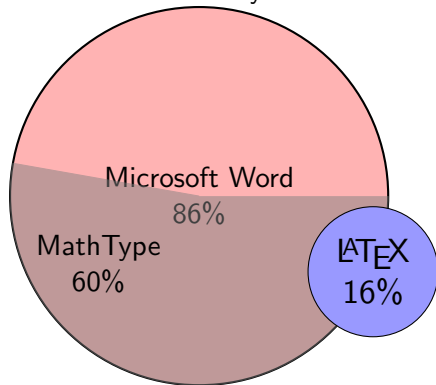


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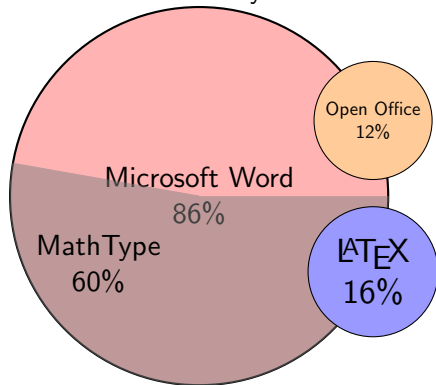


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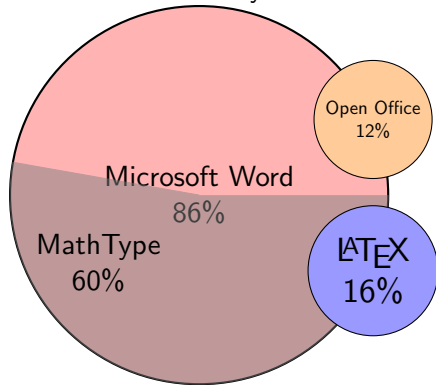


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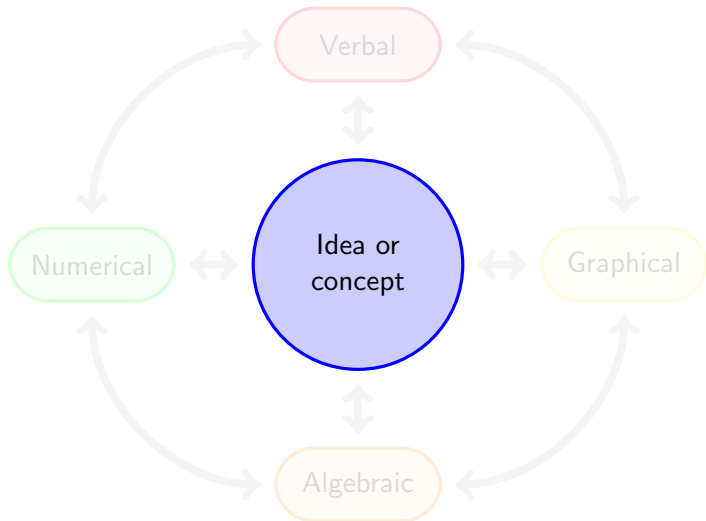
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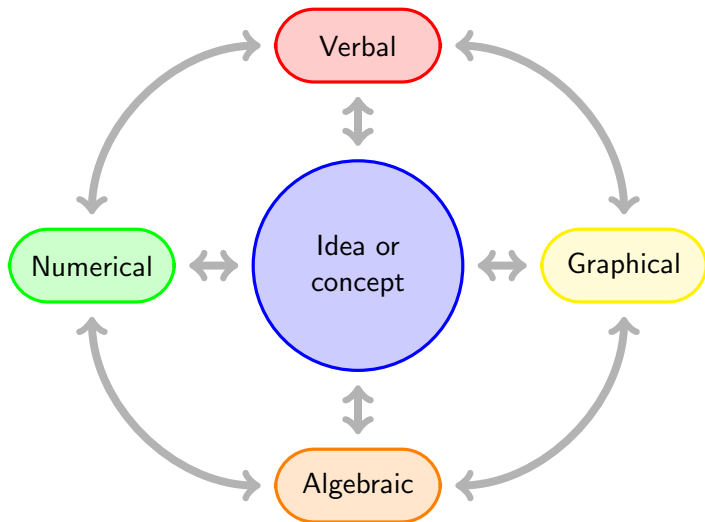
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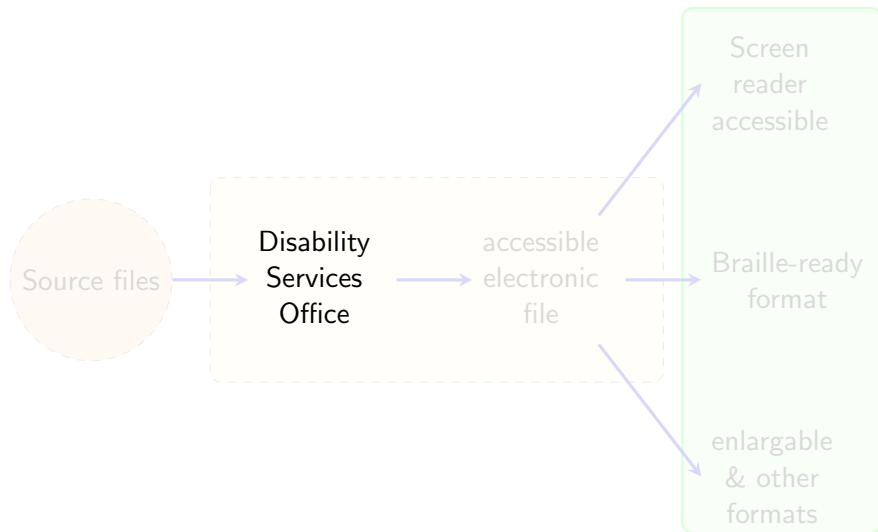
# Rule of four



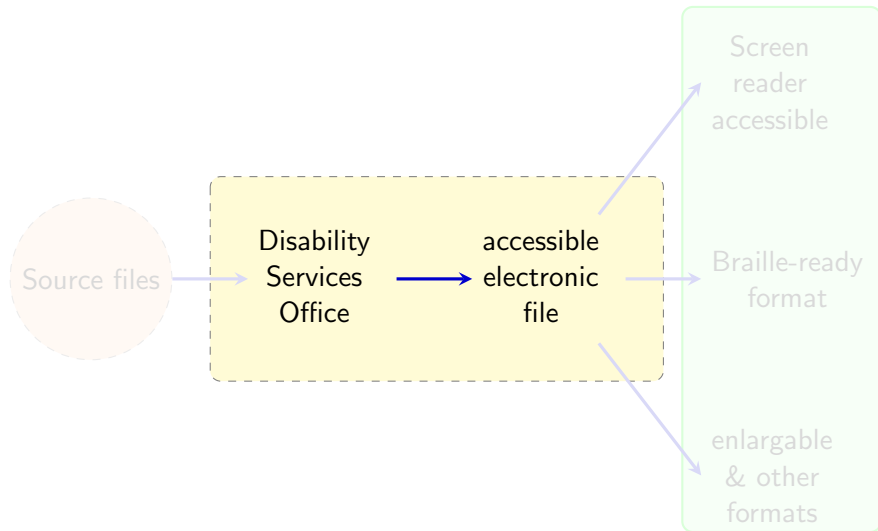
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# Workflow

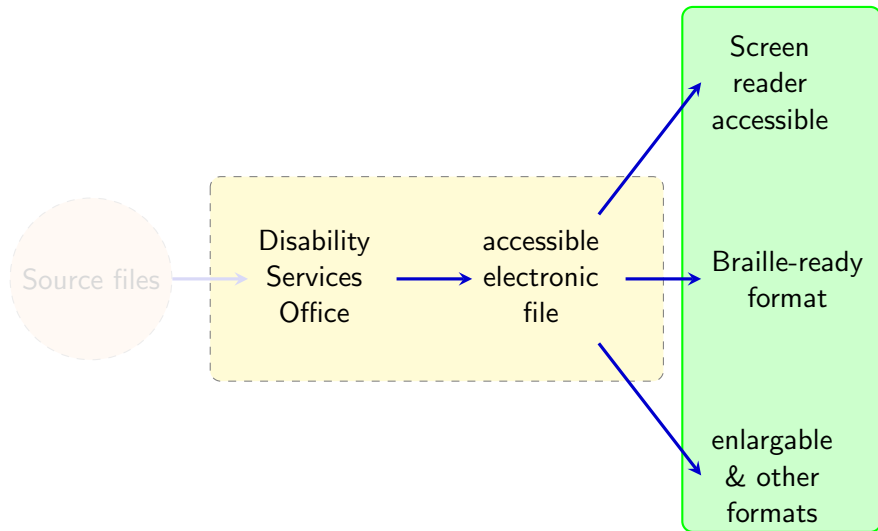


# Workflow

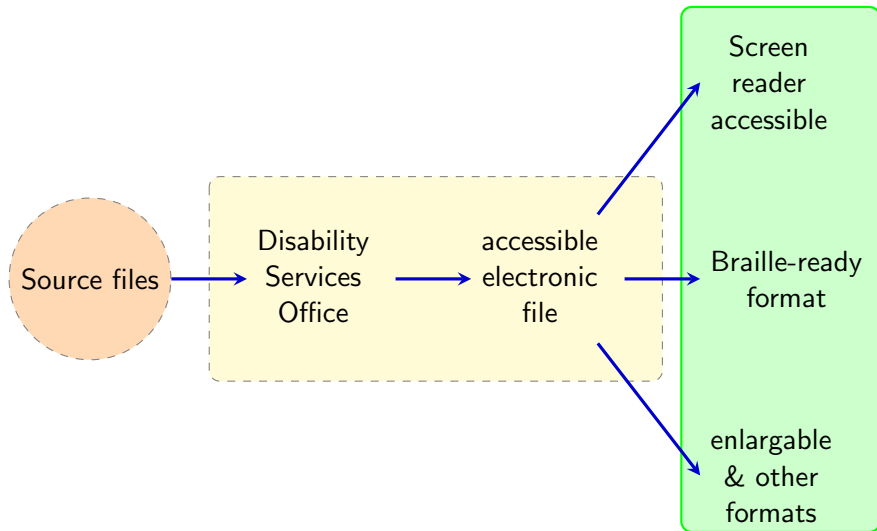




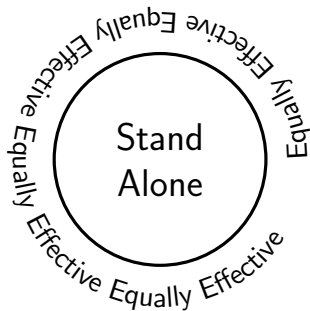
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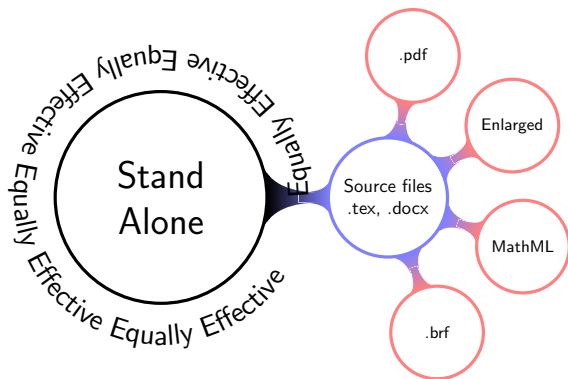
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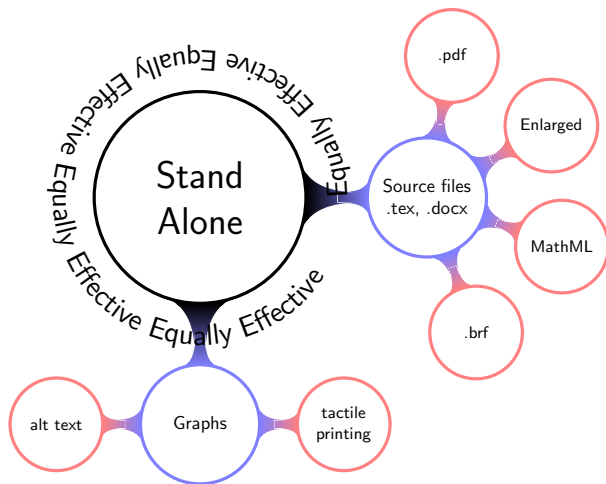
# Stand alone concept



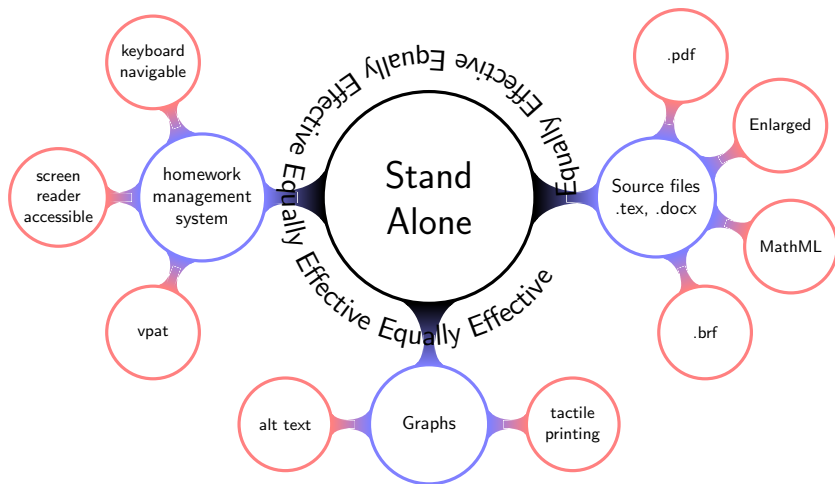
# Stand alone concept



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# Stand alone concept



# What stands alone?

- MS Word with MathType
- $\text{\LaTeX}$
- 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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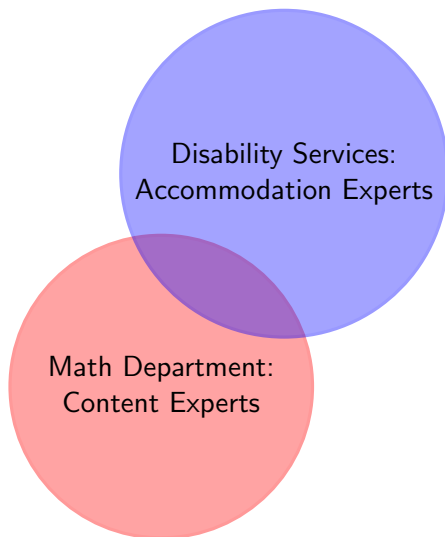
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# Collaboration is key

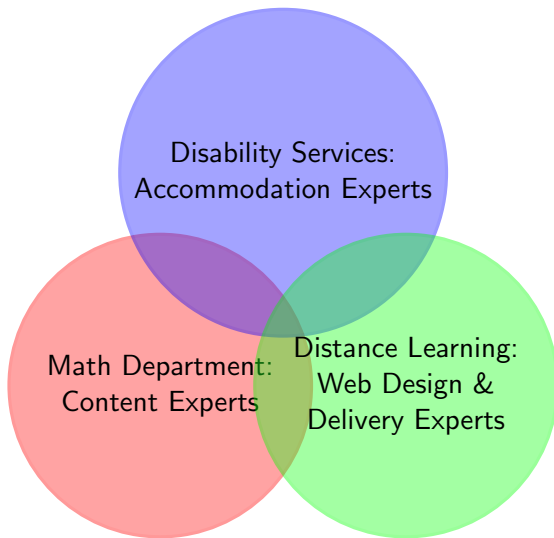


Math Department:  
Content Experts

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