

physmath central

open access to peer-reviewed
physics and mathematics

who we are

- **biomed central**
 - 170 open access journals
 - operating for 7 years
 - expanding scope with **chemistry central** and **physmath central**

about pmc

- uses same architecture & support as bmc
- tailored for physics [and mathematics]
- output to as many services as possible
- content and data is open and free

pmc inputs

- authors
 - text: doc pdf dvi tex rtf ...
 - images: png jpg tiff ...
 - others: nbp mov mp4 wav ...
 - exp. data to be hosted alongside full text
- arXiv: pdf & source files
- readers: comments (& tags)

pmc outputs

- arXiv
- SPIRES
- HEPDATA
- ...
- whoever wants whatever data [xml mathml oai-pmh] whenever they want it

author document, images, multimedia referees & editors - time & expertise

data-mining
third party ap



PMC

xml & mathml

RSS

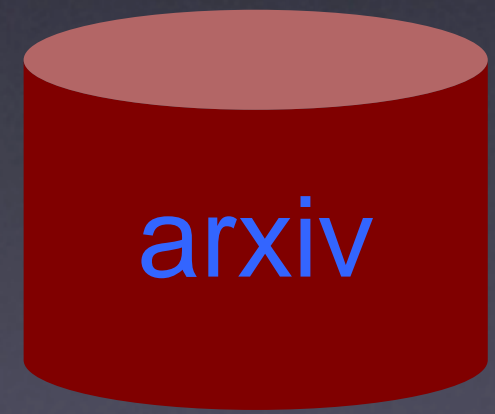
OAI-PMH

spires
hepda
...

submit

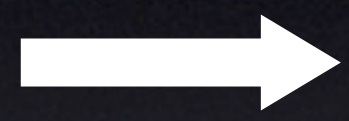
deposit

citation linking



crossref

aps aip iop elsevier springer



strengths & weaknesses

- + open, free, fast, peer reviewed, interoperable
- - not all there [yet], low but increasing acceptance of OA fees, impact factors still a factor

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