OpenArXiv = arXiv + RDBMS + Web Services

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Demo 1
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• OpenArXiv aims to replicate the arxiv.org repository utilizing RDBMS and Web Services.
  
• RDBMS supports advanced data management:
  – Top-k relevance search
  – Triggers

• Web Services layer offers:
  – Flexible data interaction through the use of XML
  – Set of modular APIs which can be expanded to add functionality
  – APIs can be interacted with by users or by software applications