

## RUN YOUR OWN OPEN-SOURCE STREAMING VIDEO SERVER

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### HISTORY

- Districts had content
  - School board meetings
  - Student produced content
  - Professional development sessions
- Tried many solutions
  - vBrick VOD
  - Darwin streaming server
  - Ed-U-Vision
- YouTube and other similar services blocked
- Limited budget



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### SOLUTION

- Kaltura Community Edition
  - Open-source, community supported (?Free)
  - Flexible
  - In-house server and storage
- Examples
  - [ISD 15 board meetings](#)
  - [North Branch student produced videos](#)
  - [Professional development sessions](#)
  - [North Branch audio / Sunrise behavior series](#)



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WHAT YOU CAN DO

- Stream video / audio to all platforms
- Embed videos in web pages, blogs, wikis, CMS
- Give rights to anyone for uploading / embedding
- Encode in many “flavors” – bitrates, sizes, etc.
- Customize the player
- Create manual and automatic playlists
- Stream “live” – with CE v3



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WHAT CAN'T YOU DO (OR IS DIFFICULT)

- Have a “channel” or portal
- Record directly to the server
- Edit video once uploaded
- Limited social network functionality
- Directory Integration



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WHAT YOU NEED...

- Linux Server – CentOS 5.6 / Ubuntu 10.04+
- Plenty of RAM
- Storage to fit your needs
- Someone versed in Linux and command line editing to get it set up and running
- Time to give it TLC
- Patience



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### WHERE DO YOU GET IT?

- [www.kaltura.org](http://www.kaltura.org)
  - Instructions / installers
  - VM appliance (may not work "out of the box")
- Support Options
  - Community forums
  - Online searches
  - Know the right people



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### OTHER OPTIONS?

- [www.kaltura.com](http://www.kaltura.com)
  - Commercial version
  - Hosted service
  - Dedicated support
- YouTube, Google Video, Vimeo
- Upcoming
  - CE v5 due for release in January
  - CE v6 due for release by Summer 2012



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