Decentralized Distributable Disk of Offline Open Educational Resources

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The “Decentralized Distributable Disk of Offline Open Educational Resources” (DOER) is developed and packaged at Gnowledge Lab. DOER is packaged as cluster of servers that can be installed on any machine satisfying basic configuration requirements. This clustered servers contains open educational resources making them available without internet connection (offline).

Repository: https://github.com/gnowledge/DOER
DOER

Contents:

- Instances of MOOC courses + Learning Games
- NROER
- Wikipedia
- Khan academy,
- PhET Simulations,
- Sugarizer, Turtle Blocks, Owncloude,
- Snap, Edgy
- Open source educational softwares collection.

(http://doer.metastudio.org/welcome).
DOER

The resources available offline (through DOER) will:

- Enable learners to learn without internet availability
- Help them to get the scale and working of internet technology via smaller model of local lab setup.
• It is modular, schools can get educational resources along with management system, individuals may only require ER
• Standalone applications
Future improvements and possibilities.

1. Auto updations of contents for maximum instances (currently available for Gstudio platform vai syncthing)
2. Single authentication model
3. System wide search engine
4. Notification system
5. ERP/Management systems for schools

Will this system required in non-resource constraint environment (like internet, etc.), and what role it will play?
School Labs
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School Lab: Students working
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Thanks!

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