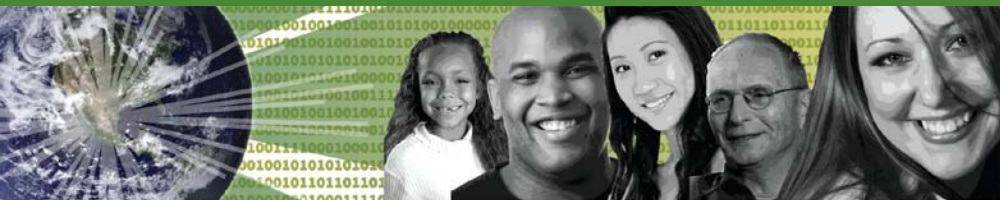




Active Communities and Repositories for Computing Educators

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Research

- Ensemble – NSDL portal for computing educators
- SoftHum – student participation in Humanitarian Open Source Software
- Inspire-CT – vertically integrated student teams



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Broader Impact Focus

- General: Advancing computing education
 - 1. Promoting teaching, training and learning
 - 2. Participation of underrepresented groups
- SoftHum
 - 3. Infrastructure for research and education
 - 4. Benefit to society



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Broader Impact - Ensemble



Collections



Communities



Tools





Broader Impact - SoftHum

- Student participation in open source software
 - Code, fixes, documentation, testing, etc
- Impact: rich educational experience
 - Scale and complexity
 - Distributed project teams
 - Communication skills
- Impact: socially useful contributions
 - Motivation for choosing computing



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Research Connections

- Ensemble
 - Digital libraries, information retrieval
 - Computing education research
 - Open educational resources
- SoftHum
 - Software engineering
 - Computing education research



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A GOOD Activity ...

- Addresses a significant issue
- Has potential to scale up
- Measurable in the short term
- Sustainable in the long term
- Compatible with PI interest



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Join Us!

- Ensemble beta – looking for additions and participants
 - Collections
 - Communities
- SoftHum
 - OSS is a big world and there is lots to do!

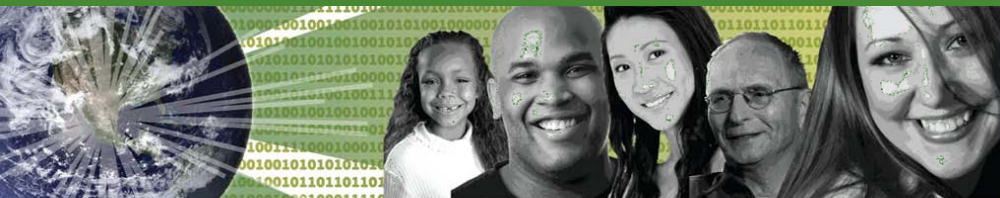


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- Ensemble: <http://computingportal.org>
- SoftHum
 - <http://xcitegroup.org/softhum>
 - <http://hfoss.org>



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