

Creating Institutional Cyberinfrastructures

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Coalition for Networked Information

Interrelationships of:

- Digital Content
- People
- Technology
- Physical Space

At the National Level:

“The emerging vision is to use cyberinfrastructure to build more ubiquitous, comprehensive digital environments that become interactive and functionally complete for research communities in terms of people, data, information, tools, and instruments that operate at unprecedented levels of computational, storage, and data transfer capacity.”

Report of the NSF Blue Ribbon Advisory Panel on Cyberinfrastructure

At the Local Level:

- Creating seamless information environment
- User-centered
- Not silo-centered

Seamless environment

- Digital Content
 - Customization and personalization
 - Cohesive access to information
 - Creators and Users
 - Institutional repositories

Seamless Environment

- People
 - Information/technology staff
 - “Reverse mentoring”
 - Training Programs
 - Integration of information literacy in the curriculum

Seamless environment

- Technology
 - Authentication
 - Integration of information/library and learning management systems
 - Network infrastructure

Seamless environment

- Physical spaces
 - Wired classrooms
 - Wired social spaces
 - Information commons
 - Multimedia production studios