

Federated International Future Internet Experimental Research Testbeds

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With its national and international research partners, the International Center for Advanced Internet Research (iCAIR) at Northwestern University designs, develops, implements, and operates large scale, including world-wide, computer science testbeds. Generally, with its research partners, iCAIR operates between 25 and 30 national, international, and local testbeds. The majority have been designed and implemented as network research testbeds. However, several are distributed compute fabrics including the NSFCLOUD Chameleon, several computational science clouds, and computational science Grid facilities. iCAIR policies, procedures and technologies strongly support international collaboration and testbed federation.

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