



Linkare2e-Lab allows you to have several remote Laboratories, each with its own set of real experiment apparatus being controlled via Internet, Intranet or Extranet. Users may access and modify apparatus configurations, run experiments and receive real time data, video and audio from the experiment.

Users may also simultaneously chat and share data with other users and access the data repository.

With Linkare2e-Lab you can create rich science educational content and services for broadband users. Unique learning objects can be produced and published onto a Learning Management System.

Linkare2e-Lab is the perfect solution for innovative projects in science e-Learning or science promotion by universities, science museums, governments and others.

Based on XML, Corba standards and Java Programming Language, Linkare2e-Lab offers you independency from any PC hardware, operating system, data-acquisition hardware or software through a 100% Java Platform, that may be integrated into any browser experience, inside applications or even standalone as a Java Web Start application, an applet or an application.

Recent partnershiping with Sun Microsystems in Portugal as lead to our participation on the WERC (Worldwide Education Research Conference) 2004 in Madrid. Besides using 100% Java technology for the development, we are now in the process of becoming an iForce partner and certifying our platform on Solaris OS, as well as using Sun's Media Broadcaster for remote audio/video distribution. Also, we've recently been listed at the Swing Sightings column (Column 19), related to the construction of "User Interfaces that Swing".

Technology Synopsis -

Using NetBeans (& Sun One Studio 4 Community Edition) for programming.  
Using Java Technology (especcially J2SE1.4+ Stack, Java Web Start, Swing, CommAPI, JAXP) for development.

Our product, eLab, is based on the ReC framework which is based on Java, CORBA, XML.

Description of the eLab product and case-study (including links for live working implementation) can be located at  
[http://www.linkare.com/site-bin/index.asp?locale=en&menu\\_file=menuprodutos.asp&file\\_name=produto.asp?pid=12](http://www.linkare.com/site-bin/index.asp?locale=en&menu_file=menuprodutos.asp&file_name=produto.asp?pid=12)

Description of the ReC framework available at  
[http://www.linkare.com/site-bin/index.asp?locale=en&menu\\_file=menuprodutos.asp&file\\_name=produto.asp?pid=11](http://www.linkare.com/site-bin/index.asp?locale=en&menu_file=menuprodutos.asp&file_name=produto.asp?pid=11)