

Évora Distrito Digital

Research Centre in Information Technology - CITI

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CITI - Centro de Investigação em Tecnologias de Informação

- Initiative of the Computer Science Department
- Formally created in November 2005
- Directors appointed in February 2006
- 31 members, 8 \geq PhD

Objectives of the Centro

- Scientific research, technological innovation and applied development
- Training for human resources and different levels, in a professional perspective
- Cooperation with other institutions and persons at a national and international level
- Consultancy and development for the private and public sectors

Research Lines of the Centre

- Intelligent information systems
- Decision & control systems
- Automatic classification of document based on natural language understanding
- Intelligent information retrieval in specific contexts
- Interaction C2B and C2A through computer driven intelligent dialogues
- User access points, kiosk like, with friendly, simplified interfaces

examples

Projects & Activities *(some...)*

- Alinex
- Centre of Excellence in Free Software
- Partnerships with Enterprises/Administration
- Training Academies / Academias
- Spin-offs creation

Alinex



Design: icon02 [www.icon02.com]

Center of Excellence in Free Software

Pole of know-how in Free Software solutions and
products

Promote research & development in new applications

Promote its use as the base for a national software
industry

Center of Excellence in Free Software (2)

- Document management
- Geographical Information Systems accessed via Web
- Library management
- Call Centres Support
- e-learning
- Fast development of sites and intranets
- Workflow tools

**DSpace
MapServer
Koha
RT
Moodle
Plone/Zope
Openflow**

DSpace

The screenshot shows a web browser window with the address bar displaying `http://bootes.lnec.pt:8080/dspace/`. The browser's address bar includes navigation buttons (back, forward, home, stop) and a search bar with a 'Go' button. Below the address bar, there are links for 'Getting Started' and 'Latest Headlines'. The main content area features the DSpace logo and a link to 'About DSpace Software'. On the left side, there is a sidebar with several sections: 'Pesquisa rápida' (Quick Search) with a search box and 'Enviar' button, and a link to 'Pesquisa Avançada'; 'Percorrer:' (Browse) with links to 'Comunidades & Colecções', 'Títulos', 'Autores', and 'Por Data'; and 'Entrar:' (Login) with links to 'Serviço de Alertas', 'Meu DSpace' (for authorized users), 'Editar Conta', 'FAQs', and 'Guias'. The main content area is titled 'DSpace at LNEC >' and contains three sections: 'DSpace is Live' with a welcome message and a link to 'More exciting news to appear here.'; 'Pesquisa Simples' (Simple Search) with a search box and 'Enviar' button; and 'Comunidades no Repositório' (Communities in the Repository) with a list of communities: 'Centro de Instrumentação Científica', 'Centro de Tecnologias de Informação', 'Departamento de Barragens de Betão', 'Departamento de Edifícios', 'Departamento de Estruturas', 'Departamento de Geotecnia', and 'LNEC'. On the right side, there is a text box titled 'This is a default installation of DSpace!' with a sub-header 'This is a default installation of DSpace!' and a paragraph stating: 'It can be extensively configured by installing modified JSPs, and altering the site configuration.'

Partnerships with Enterprises/Administration

- Poles of sw development
- End of course on site training
- Projects involving innovation with technology transfer to the industry
- Activities promoting employment of our pupils

Training / Academies

- Targeting graduates, professionals, enterprises
- Professional courses answering specific needs of the market
- National and international certification

Spin-off support

promote entrepreneurship

bring to the market solution brought about by the
Centre's R&D activities

complement with services that are not the
Centre's vocation

Spin-off support (2)

- Alinex training
- Applications based on Alinex (salaries, accounting, solutions for SME's)
- Instalation and maintenance of Alinex: support centre, mobile units, etc
- Support of free software products: DSpace?
- **Killer application from some group of pupils...**

thanks

(powered by OpenOffice)