

**PROJECT FOR PACKAGING AND CHANGE TO FREE
SOFTWARE OF INSTITUTIONAL APPLICATIONS
CURRENTLY INCORPORATED IN UFRGS INFORMATION
SYSTEMS**

OPEN
WORLD
FORUM



THINKCODE
EXPERIMENT

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HISTORY

- 1997- conceptual business modelling;
- 2007 - I IT WorkShop of IFES (Superior Education National Institutes): Electronic Elections – SAELE;
- 2008 - II IT WorkShop of IFES: Photo Collection;
- 2008 - Requests for applications from other universities;
- 23/10/2009 - Start of the Software Packaging Project;
- 2010 - IV IT WorkShop of IFES: Questionnaire Builder;
- 2011 - V IT WorkShop of IFES: SABRE;
- 2011 - Registry of SAELE’s intellectual property and release in the Public Software Portal.

PROJECT GOALS

- PROJECT:** packaging and change to free software of institutional applications currently incorporated in UFRGS information systems
- GENERAL GOAL:** Within the line in the University’s Information Master Plan, in which “UFRGS shall increase the spectrum of activities of diffusion and transference of technologies”, the project intends to migrate and release its already institutionally established applications to different bodies of Public Service of different spheres, training its professionals in the free software area and consolidating a network of partnership, qualifying the technological heritage of UFRGS and other public institutes.

JUSTIFICATION

Education Institutes showed interest in solutions displayed by the technical team of CPD in IFES Workshops. The requests for those solutions became formal requests sent by other Universities during the whole year of 2008. Because of the high degree of coupling of the applications to the institutional database, it turned out to be unfeasible to release, by that time, any solution shown. They could only be attended if was feasible to package some specific modules of UFRGS information systems and turn them into free software.

Such choice demands an effort in removing the ties of the applications to the institutional database and make hem self-sufficient in their execution context. It's also fundamental that the applications are converted to operate with all the resources (OS's, DBMS's) of a free software environment.

EXPECTED RESULTS

Creation of a methodology for packaging applications constructed in CPD and release them as free software for other Superior Education Institutes. Using such methodology, release the following applications as free software:

- Electronic Elections - SAELE
- Photographic Collection
- Questionnaire Builder
- Workstation Registry System - SABRE

METHODOLOGY AND STANDARDS – GOALS MET IN 2011

Regarding the “Definition of methodology and standards for changing UFRGS institutional applications into free software” goal, all objectives were achieved. This goal considered the activities of definition of packaging standards, database migration and process documentation. The DBMS chosen as default was PostgreSQL, and development is made in the PHP language, optionally with the Yii Framework, with the applications being runnable either in Linux or Windows systems.

SAELE– GOALS ACHIEVED IN 2011

The “Electronic Elections application packaging” goal was totally finished. The application was turned into a free software release according to the methodology defined to standardize the packaging, migration and documentation processes. The documentation for registry of the software’s intellectual property in INPI has been sent and is waiting for the definitive registration. The product is available in the Public Software Portal repository.

SABRE– GOALS ACHIEVED IN 2011

SABRE is the continuation of the “UFRGS Workstation Registry System” project, intending to create an Open Workstation Registry System usable by any institution that needs an automatic solution for managing its IP address block. The SABRE packaging project has its database and source code migration activities in final stages. Tests and documentation are being started, so the package may be released to the public software community soon.

SABRE → FEATURES

- Network device registry;
- Network device inventory;
- Viewing and control of network segmentation;
- DNS management;
- Service request tracking;
- System query and report;
- User and permission management.

The screenshot displays the SABRE web application interface, which is used for managing network resources. The interface is divided into several sections:

- Left Sidebar:** Contains navigation menus for various system components: Failover, Enlaces, Subredes, Blocos IP, Dispositivos, Perfil de Usuário, Usuários, Serviços Pendentes, Serviços de Rede, Opções de DHCP, DNS, Certificações, Relatórios, Consultas, Configurações, and Meus Dados.
- Main Content Area (Top):** Titled "Blocos IP", it includes tabs for "Blocos Gerenciados" and "Blocos Não Gerenciados". Below these are options to save the list and a visualization selector (Gráfica or Lista).
- Filter Section:** A "Filtrar a lista" section with a search input field containing "Direito" and buttons for "Buscar" and "Limpar". A red arrow points to this section.
- Data Extraction Section:** Titled "Extração de Dados", it allows users to export data. The "Nome" field is set to "DataExtraction_IPGroup" and the "Formato" is ".xml".
- Visible Fields Section:** A list of fields to be included in the export, such as "DNS", "Descrição", "IP Final", "IP Inicial", "IP da Subrede", "Nome", "Oculto", and "Subrede".
- Main Content Area (Bottom):** Shows details for a specific IP block named "Direito". It includes:
 - Dados do Bloco:** Name, limits, and size (16 IPs).
 - Visualização:** A grid of IP addresses (229.1 to 229.16) with a legend for their status (Livre, Usado, Expirado, Gateway). A red arrow points to the "Usado" status of IP 229.3.
 - Dados do Registro:** Registration details including IP (229.3), registrar name, login, user name, registration date (14:46 11/05/2009), and expiration date (02:12 09/12/2012).
 - Dados do Dispositivo:** Device information such as name (swccc-direito2), location (Fac. de Direito), MAC address, and function (Infra-Estrutura).
- Bottom Section:** A table with columns for "Porta", "Serviço", "Internet", "Observação", and "Estado". A note states "Não há serviços cadastrados para esse IP." and an "Efetuar" button is present.

PHOTOGRAPHIC COLLECTION – GOALS ACHIEVED IN 2011

- The Photographic Collection application was developed in 2002 by CPD/UFRGS. In 2009, it was integrated to the library informatization group – SABI;
- It allows the management of a photo collection. Currently, it manages the collections of the UFRGS Museum, the Physical Education College, the Physics Institute and the UFRGS Historical Heritage;
- As for the Photographic Collection packaging project, the software is still undergoing changes that should be incorporated to the package.

QUESTIONNAIRE BUILDER – GOALS ACHIEVED IN 2011

- The Questionnaire Building application is a tool integrated to a portal of answerers' authentication which can identify the target audience and attach the answers to specific institutional applications (e.g. performance evaluation, teacher and lecture evaluation, stratified polls, etc.);
- The Questionnaire Builder packaging project embeds the tool on the Institutional Event application developed in the University;
- The Institutional Event System was presented in the V IT Workshop of IFES, made in Florianópolis – Brazil from April 26-28, 2011, where several education institutes showed interest for the software. A version of the Generic Event Portal was ported to the Yii Framework, and a version for the CBEU will be released in December 2011

Levantamento de Necessidade de Capacitação - 2008
Responder Questionário

Usuário: AUGUSTO DIAS PEREIRA DOS SANTOS [107011]

Prezado(a) Servidor(a),
Contamos com a sua colaboração na elaboração do Programa de Capacitação 2009!
Assinale e/ou descreva abaixo as ações de capacitação necessárias para melhorar seu desempenho profissional e de sua equipe. Como sugestão, listamos algumas ações oferecidas por nossa Divisão:

Área de Humanas/Gestão

- Trabalho em equipe
- Liderança
- Administrando conflitos interpessoais
- Humanização e qualidade no atendimento
- Negociação
- O papel da linguagem nas relações interpessoais
- Gestão e planejamento administrativo

Área de Informática

- Excel Básico
- Excel Intermediário
- Treinamento básico
- Word Básico
- Word Intermediário
- Access
- Power Point
- Word para publicações científicas
- Migrando do XP para o Vista

QUESTIONÁRIOS
Gerenciamento de Questões

Usuário: AUGUSTO DIAS PEREIRA DOS SANTOS [107011]

Este questionário já tem pelo menos um respondente, cuide com a integridade das questões já respondidas!

Conteúdo do Item de Questionário

Questões Cadastradas

- [Q1] Prezado(a) Servidor(a),
- [Q2] Contamos com a sua colaboração n
- [Q3] Assinale e/ou descreva abaixo as a
- [Q4] Área de Humanas/Gestão
- [Q5] Área de Informática
- [Q6] Área de Comunicação
- [Q7] Área de Saúde
- [Q8] Escreva abaixo caso deseje coment

Salvar Ordem

Remover Questão

Configuração da Questão:

Tipo do Item de Questionário: Questão

Conteúdo da Pergunta:
Área de Informática</br>

Pergunta:

Tipo da Questão: Alternativas - Escolha Múltipla

Questão Obrigatória: Sim Não

Peso da Questão:

[Opções Avançadas](#)

Exibir alternativas na horizontal

Excel Básico	<input type="button" value="Remover"/>
Excel Intermediário	<input type="button" value="Remover"/>
Treinamento básico	<input type="button" value="Remover"/>

INSTITUTIONAL EVENTS SYSTEM

This system was developed to help all stages of an event, allowing management of sessions, the executive team, the papers submitted, among other aspects. The system is completely organized, whether by the managers, or by the users, within the Event Portal. The Event Portal is an environment that displays services to the user. A service is an independent module that lets the user execute one or more tasks in the system. These services are placed in groups, which aim to organize the services in an intuitive and logical way, and the groups, by their turn, are inserted in folders. A folder usually collects specific operations of a kind of user – e.g. system administrator, participant, evaluator, organizer, etc. – which are called *profiles*.



Sistema de Eventos Institucionais
Evento: EVENTO INSTITUCIONAL: TESTE nº 1

UFRGS

Identificação | Inscricoes | Cadastro | Trabalhos | Sessoes | Relatorios | Suporte

- Inscrição - Trabalhos +
- Emissão de Boleto +
- Inscrição - Orientadores +



Sistema de Eventos Institucionais Sandra Luzia Cortinovi [Sair]
Evento: 5º CONGRESSO BRASILEIRO DE EXTENSÃO UNIVERSITÁRIA

UFRGS

Identificação | Inscricoes | Cadastro | Trabalhos | Sessoes | Relatorios | Suporte

Inscrição - Trabalhos

Inscrição de Trabalhos
Trabalhos Enviados
Indicação de apresentador de trabalho

Inscrição - Participantes
Emissão de Boleto

Inscrição de Trabalhos

Esta etapa de inscrição de trabalhos está aberta de 23/04/2011 00:00 até 07/07/2012 23:59. Você já enviou 4 trabalho(s). Você tem 0 trabalho(s) em preparacao. Número máximo de trabalho(s) para este evento: 4.

DADOS DE INSCRIÇÃO:

Nome: Sandra Luzia Cortinovi
CPF: 39834131020
E-mail: sandra@cpd.ufrgs.br

Categoria de inscrição:

CBEU: Técnico-Administrativo UFRGS
 Quero enviar trabalho para o evento.

THANKS

MERCI

OBRIGADO

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