



ABCD e o ISIS-NBP: desenvolvimento em rede

Lançamento Internacional do ABCD

São Paulo, 03 de dezembro de 2009

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ISIS-NBP - Histórico

- 2006:
 - Maio: projeto com a UNESCO de uma nova plataforma ISIS - Network Based Platform (NBP)
- 2007:
 - Julho: relatório técnico sobre visão do ISIS-NBP
- 2008:
 - Abril: protótipo 0.1
 - Setembro: liberação versão 0.8 durante III World Meeting of ISIS Users, II Encontro de Desenvolvedores da BVS, CRICS 8

<http://reddes.bvsalud.org/projects/isisnbp>

ISIS-NBP - Metas

- Estender limites de capacidade atuais do ISIS
- Suporte a UNICODE e internacionalização
- Melhorar manutenção de dados e de software
- Flexibilidade, escalabilidade e interoperabilidade
- Modus operandi FLOSS

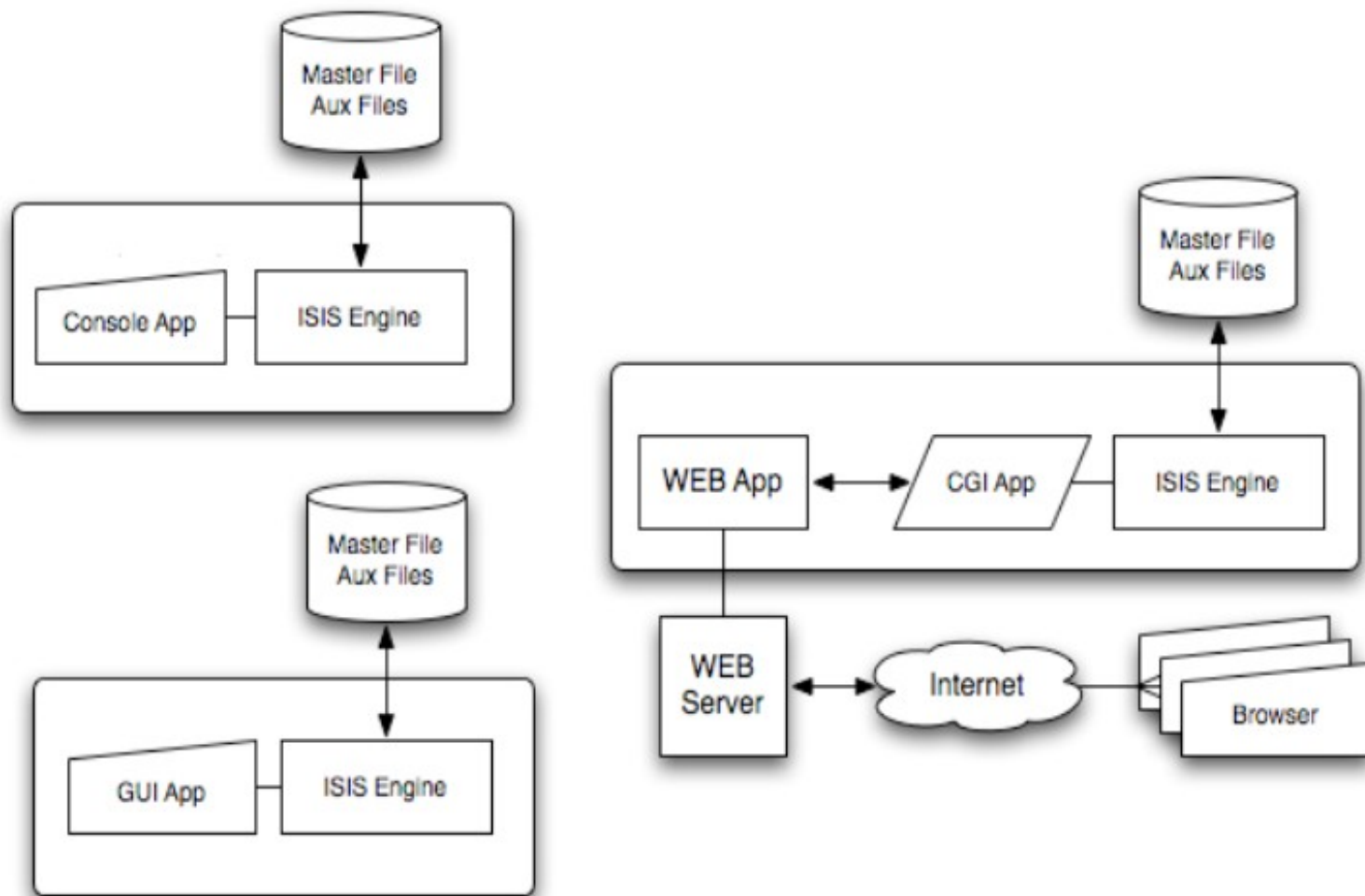
<http://reddes.bvsalud.org/projects/isisnbp>

ISIS-NBP- Desafios

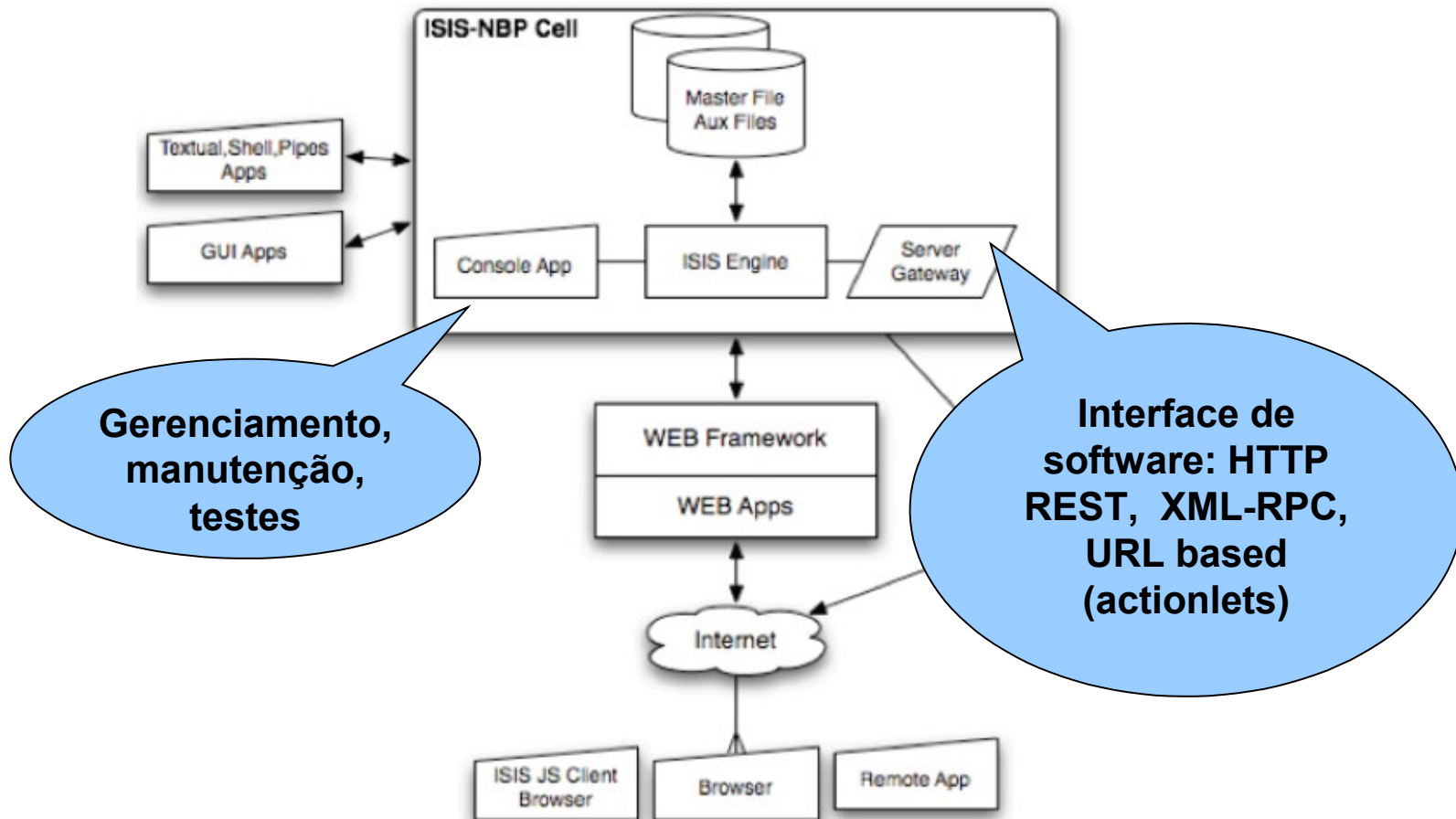
- Repensar o armazenamento
- Repensar o modelo
- Melhorar escalabilidade e interoperabilidade
- Compatibilidade com ISIS
- (...)
- Como superar
 - É uma plataforma em desenvolvimento
 - Modalidade de software livre e aberto (LGPL)
 - Desenvolver aplicações

<http://reddes.bvsalud.org/projects/isisnbp>

ISIS – Arquitetura



ISIS-NBP – Arquitetura



ISIS-NBP – v0.9

- Diferenças da 0.8 – 0.9
 - Refatoração do código-fonte
 - Ampliação dos casos de teste automatizados
 - Correção de bugs
 - Linguagem de formato (ampliação da compatibilidade com ISIS)
- Futuro 0.9 – 1.0
 - Melhoria no controle de concorrência
 - Implementação da função de busca usando Lucene
- Novidade
 - <http://isisnbp.demo.bvsalud.org>

<http://isisnbp.demo.bvsalud.org>

Interface para testar linguagem de formato (pft)

ISIS-NBP Demo > Formatting Language (PFT)

Collection:

Database:

Record:

[View this record](#)

Commands (PFT):

[Submit](#)

[Reset](#)

Result

http://isisnbp.demo.bvsalud.org

Interface para testar linguagem de formato (pft)

ISIS-NBP Demo > Formatting Language (PFT)

Collection:

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[View this record](#)

69: Paper on: <geomorphology><deltas><tropical zones><soil surveys><cartography><aerial photography><agronomy><Senegal><Niger>
70: Tricart, J.
44: Scientific problems of the humid tropical zone deltas and their implications: proceedings of the Dacca Symposium
50: Incl. bibl.
24: <La> Place de la géomorphologie dans l'étude de la mise en valeur des deltas tropicaux
26: ^c1966
30: ^ap. 15-22

Commands (PFT):

[Submit](#)

[Reset](#)

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30: ^ap. 15-22

Commands (PFT):

```
(|<b>Autor:</b> |, v70)/  
"<b>Titulo:</b> ", v44/  
"<b>Ano:</b> ", v26^c/  
"<b>Paginação:</b> ", v30^a
```

<http://isisnbp.demo.bvsalud.org>

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```
(|<b>Autor:</b> |, v70//  
"<b>Título:</b> ", v44/  
"<b>Ano:</b> ", v26^c/  
"<b>Paginação:</b> ", v30^a
```

Submit

Reset

Result

```
Autor: Tricart, J.  
Título: Scientific problems of the humid tropical zone deltas and their  
implications: proceedings of the Dacca Symposium  
Ano: 1966  
Paginação: p. 15-22
```

<http://isisnbp.demo.bvsalud.org>

Interface para testar REST API Server

ISIS-NBP Demo > REST API Server

Options:

- Create database
- Delete database
- Create record
- Read record
- Delete record

Read record

Collection:

Database:

From:

To:

Count:

Gizmo:

Reverse:

Request

```
Method: GET
URL: /web/restapi/sample/cds/
Body/Parameters:
gizmo=&from=1&to=2&count=&reverse=off
```

Result (XML)

```
<?xml version="1.0" encoding="utf-8"?>
<record mfn="1" status="active"><field
tag="69"><occ><subfield tag=""><![CDATA[Paper on: <plant
physiology><plant transpiration><measurement and
instruments>]]></subfield></occ></field><field
tag="70"><occ><subfield tag=""><![CDATA[Magalhaes, A.C.]]
></subfield></occ><occ><subfield tag=""><![CDATA[Franco,
C.M.]]></subfield></occ></field><field
tag="44"><occ><subfield tag=""><![CDATA[Methodology of
plant eco-physiology: proceedings of the Montpellier
```

biblioteca virtual en salud BIREME • OPS • OMS



<http://isisnbp.demo.bvsalud.org>

Acesso ISIS-NBP via URL

<http://isisnbp.demo.bvsalud.org:8087/web/actionlet/sample/cds/1>

ISIS-NBP Demo > Browsing databases via URL

```
mfn=1 (active)
69: Paper on: <plant physiology><plant transpiration><measurement and instruments>
70: Magalhaes, A.C.
70: Franco, C.M.
44: Methodology of plant eco-physiology: proceedings of the Montpellier Symposium
50: Incl. bibl.
24: Techniques for the measurement of transpiration of individual plants
26: ^aParis^bUnesco^c-1965
30: ^ap. 211-224^billus.
```

<http://isisnbp.demo.bvsalud.org:8087/web/actionlet/sample/cds/1/26>

ISIS-NBP Demo > Browsing databases via URL

```
^aParis^bUnesco^c-1965
```

<http://isisnbp.demo.bvsalud.org:8087/web/actionlet/sample/cds/1/26/b>

ISIS-NBP Demo > Browsing databases via URL

```
Unesco
```


Desenvolvimento em Rede

<http://reddes.bvsalud.org>

- Rede de Desenvolvedores da BVS e Redes Associadas (RedDes)
 - Tecnologias de Informação para o Acesso Equitativo à Informação (BVS 4 – Set/05)
<http://bvs4.icml9.org/gt/ti/?lang=es>
 - I Encontro de Desenvolvedores das redes BVS, SciELO y ScienTI (Informatica en Salud 2007)
<http://www.eventos.bvsalud.org/EDRedes1>
 - II Encontro de Desenvolvedores das redes BVS, SciELO y ScienTI (BVS 5 – Set/08)
http://bvs5.crics8.org/agendas/bvs5_desenvolvedores



Redes




-  BVS
-  CVSP
-  ePORTUG
-  GHL
-  SciELO
-  ScienTI
-  TropIKA.net
- Países
 -  Angola
 -  Argentina
 -  Barbado
 -  Bolivia
 -  Brasil
 -  Belice
 -  Chile







RedDes

Rede de Desenvolvedores
das Redes BVS e Associadas








▶ Rede

-  BVS
-  CVSP
-  ePORTUGUÊSe

-  GHL
-  SciELO
-  ScienTI

 TropIKA.net

Países

-  Angola
-  Argentina
-  Barbados
-  Bolívia
-  Brasil
-  Belize
-  Chile

▶ Pesquisa na BVS

Entre com uma ou mais palavras

Pesquisa via descritores DeCS/MeSH

▶ Família ISIS

CISIS ISIS-DLL ISIS-NBP WWWISIS,

▶ Aplicativos BVS

ABCD BVS-Site DirEve EMP-Web IAH LILDBI-Web LIS SeCS-Web

▶ Aplicativos RedDes

Diretório de Web Services Diretório de Widgets

▶ Diretórios Relacionados à RedDes

▶ Newsletter BVS

Novo estatuto atualiza o marco institucional e operacional da BIREME

Redes BVS, NECOBELAC e SciELO na Semana do Acesso Aberto

Semana da BVS na Argentina valoriza o conhecimento científico e metas sanitárias

Comitê Técnico da BVS Brasil avança gestão coletiva da BVS

Uruguai inaugura BVS Odontologia

SciELO Brasil adota Creative Commons para atribuição de acesso e uso



ABCD na RedDes

<http://reddes.bvsalud.org/projects/isisnbp>



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Welcome to ISIS-NBP

Conceived in 2007 and currently **under development**, ISIS-NBP is a bold step towards invigorating ISIS software foundations.

ISIS Network Based Platform project aims to handle textual databases, preserving its traditional role related to the development of information products and services and core ISIS characteristics, but moving its architecture and operation towards the current state-of-the-art in databases and network operations as well as in open software development.

ISIS-NBP is a **platform** to develop applications, for the time being, it is not an application itself. Therefore, it should be understood as an infra-structure or framework, upon which ISIS developers can use to develop modern and wishfully better applications to meet end users demands.

The main challenge of ISIS-NBP is to conciliate technology modernization with backward compatibility. From the early designs of ISIS-NBP we have considered that to be successful this project must be a platform evolution, grounded in a smooth migration path.

Demo

It is available a [demonstration site](#) of the ISIS-NBP current version.

Documentation

- [About ISIS](#)



ABCD na RedDes

<http://reddes.bvsalud.org/projects/abcd>



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Welcome to ABCD project

ABCD stands for "Automatización de Bibliotecas y Centros de Documentación" (Spanish), which means: *Library and Documentation Centers Automation*. Its development is promoted and coordinated by [BIREME](#), with the support of [VLIR](#).

ABCD is web-based integrated library management software comprising the main basic library functions. This kind of library application is a long held aspiration for the ISIS community, since the first MS-DOS version came out more than 20 years ago. Several library automation systems were developed during this period and are still in operation worldwide. BIRME EMP previous system was limited to the circulation services. The main characteristics of ABCD are the coverage of the main library functions, its web centrality and its development and maintenance under the methodology of Free and Open Source Software.

Main functions

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Obrigado

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