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1) Introdução

Este relatório refere-se à sexta etapa do projeto de atualização tecnológica do Portal Modelo, nova versão do sistema implementada, na qual consta, Documentação do Portal Modelo atualizada (Modelo de Dados, Casos de Uso, Manual de Referência, Ajuda On-line, FAQ, How To).

2) Migração do Portal Modelo

O script de migração foi inserido do diretório skins/ILPortalCasas_public/ do Portal Modelo, estando assim disponível para utilização dos usuários.

2.1) Script base para migração

```
request = container.REQUEST
response = request.RESPONSE

if context.meta_type != "Plone Site":
    return "Não é um plone site!\n"
plone = context

if not plone.portal_migration.needUpgrading():
    print "Não é necessário a atualização\n"

try:
    print "Atualizando portal "+plone.absolute_url()+"...",
    print plone.portal_migration.upgrade()
    print plone.portal_atct.upgrade()
    print plone.fixAccessors()
    print plone.portal_quickinstaller.reinstallProducts(['Ploneboard',
'CMFPublicator', 'CMFSin', 'PlonePopoll', 'CalendarX', 'CSSManager',
'PloneGazette', 'ILPrestacaoContas','Ombudsman', 'windowZ',
'PloneLanguageTool'])
    context.projetos.project_catalog.catalog_object(plone,
"/".join(plone.getPhysicalPath()))
    print "Finalizado."

except Exception, e:
    print "ERROR:\n", e
    return printed
except:
    print "Erro desconhecido!!!"
    return printed
return printed
```



2.2) Execução do script de migração do Portal Modelo de Agudo

Contribuição André Brum

2.2.1) Tela pós migração

Atualizando portal <http://localhost:8080/camaraagudo...>



Plone Migration Tool at [/camaraagudo](#)

Result of the attempt...

- Starting the migration from version: 2.1.2
- Attempting to upgrade from: 2.1.2
- Removed vcXMLRPC.js
- Added icons for copy, cut, paste and delete
- Upgrade to: 2.1.3-rc1, completed
- Attempting to upgrade from: 2.1.3-rc1
- Upgrade to: 2.1.3, completed
- Attempting to upgrade from: 2.1.3
- Upgrade to: 2.1.4-rc1, completed
- Attempting to upgrade from: 2.1.4-rc1
- Upgrade to: 2.1.4, completed
- Attempting to upgrade from: 2.1.4
- Installed CMFPlacefulWorkflow.
- Upgrade to: 2.5-alpha1, completed
- Attempting to upgrade from: 2.5-alpha1
- Installed PasswordResetTool.
- Installed PlonePAS.
- Added directory view for plone_deprecated
- Added plone_deprecated to Plone Default
- Added plone_deprecated to Plone Tableless
- Upgrade to: 2.5-alpha2, completed
- Attempting to upgrade from: 2.5-alpha2
- Added dragdropreorder.js to portal_javascript
- Added KeywordIndex 'getEventType' to portal_catalog.
- Modified existing home/index.html action
- Upgrade to: 2.5-beta1, completed
- Attempting to upgrade from: 2.5-beta1
- Added 'large_site' property to site_properties.
- Updated icons for copy, cut, paste and delete
- Added plone_deprecated to Portal Casas
- Added setup_tool.
- Changed condition on action portal_membership/user/mystuff from: "python: member and portal.portal_membership.getHomeFolder()" to: "python:member and portal.portal_membership.getHomeFolder()"
- Changed url expression on action portal_membership/user/myworkspace from: python: portal.portal_membership.getHomeUrl()+"/workspace" to: python:portal.portal_membership.getHomeUrl()+"/workspace"

2.2.2) Log completo do da execução do script de migração

Atualizando portal <http://localhost:8080/camaraagudo...>

Result of the attempt...

- Starting the migration from version: 2.1.2
- Attempting to upgrade from: 2.1.2
- Removed vcXMLRPC.js
- Added icons for copy, cut, paste and delete
- Upgrade to: 2.1.3-rc1, completed
- Attempting to upgrade from: 2.1.3-rc1
- Upgrade to: 2.1.3, completed
- Attempting to upgrade from: 2.1.3
- Upgrade to: 2.1.4-rc1, completed
- Attempting to upgrade from: 2.1.4-rc1
- Upgrade to: 2.1.4, completed



- Attempting to upgrade from: 2.1.4
- Installed CMFPlacefulWorkflow.
- Upgrade to: 2.5-alpha1, completed
- Attempting to upgrade from: 2.5-alpha1
- Installed PasswordResetTool.
- Installed PlonePAS.
- Added directory view for plone_deprecated
- Added plone_deprecated to Plone Default
- Added plone_deprecated to Plone Tableless
- Upgrade to: 2.5-alpha2, completed
- Attempting to upgrade from: 2.5-alpha2
- Added dragdropreorder.js to portal_javascript
- Added KeywordIndex 'getEventType' to portal_catalog.
- Modified existing home/index_html action
- Upgrade to: 2.5-beta1, completed
- Attempting to upgrade from: 2.5-beta1
- Added 'large_site' property to site_properties.
- Updated icons for copy, cut, paste and delete
- Added plone_deprecated to Portal Casas
- Added setup_tool.
- Changed condition on action portal_membership/user/mystuff from: "python: member and portal.portal_membership.getHomeFolder()" to: "python:member and portal.portal_membership.getHomeFolder()"
- Changed url expression on action portal_membership/user/myworkspace from: python: portal.portal_membership.getHomeUrl()+"/workspace" to: python:portal.portal_membership.getHomeUrl()+"/workspace"
- Changed condition on action portal_membership/user/myworkspace from: "python: member and portal.portal_membership.getHomeFolder() is not None" to: "python:member and portal.portal_membership.getHomeFolder() is not None"
- Changed url expression on action portal_membership/user/myworkspace from: python:portal.portal_membership.getHomeUrl()+"/workspace" to: string:\${portal/portal_membership/getHomeUrl}/workspace
- Changed condition on action portal_membership/user/favorites from: "python: member and hasattr(portal.portal_membership.getHomeFolder(), "Favorites")" to: "python:member and hasattr(portal.portal_membership.getHomeFolder(), "Favorites")"
- Changed condition on action portal_actions/document_actions/addtofavorites from: "python: member and portal.portal_membership.getHomeFolder() is not None" to: "python:member and portal.portal_membership.getHomeFolder() is not None"
- Changed condition on action portal_actions/folder_buttons/cut from: "python:portal.portal_membership.checkPermission("Delete objects", object)" to: "python:checkPermission("Delete objects", object)"
- Changed url expression on action portal_actions/object/folderContents from: python: ((object.isDefaultPageInFolder() and object.getParentNode().absolute_url()) or folder_url) +'/folder_contents' to: string:\${globals_view/getCurrentFolderUrl}/folder_contents
- Changed condition on action portal_actions/object_buttons/cut from: "python:portal.portal_membership.checkPermission("Delete objects", object.aq_inner.getParentNode()) and portal.portal_membership.checkPermission("Copy or



- Move", object) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)" to: "python:checkPermission("Delete objects", object.aq_inner.getParentNode()) and checkPermission("Copy or Move", object) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)"
- Changed url expression on action portal_actions/object_buttons/cut from: python:"%/object_cut"%((object.isDefaultPageInFolder() and object.getParentNode().absolute_url() or object_url) to: string:\${globals_view/getCurrentObjectUrl}/object_cut
 - Changed condition on action portal_actions/object_buttons/cut from: "python:checkPermission("Delete objects", object.aq_inner.getParentNode()) and checkPermission("Copy or Move", object) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)" to: "python:checkPermission("Delete objects", object.aq_inner.getParentNode()) and checkPermission("Copy or Move", object) and not globals_view.isPortalOrPortalDefaultPage()"
 - Changed condition on action portal_actions/object_buttons/cut from: "python:checkPermission("Delete objects", object.aq_inner.getParentNode()) and checkPermission("Copy or Move", object) and not globals_view.isPortalOrPortalDefaultPage()" to: "python:checkPermission("Delete objects", globals_view.getParentObject()) and checkPermission("Copy or Move", object) and not globals_view.isPortalOrPortalDefaultPage()"
 - Changed condition on action portal_actions/object_buttons/copy from: "python:portal.portal_membership.checkPermission("Copy or Move", object) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)" to: "python:portal.portal_membership.checkPermission("Copy or Move", object) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)"
 - Changed condition on action portal_actions/object_buttons/copy from: "python:portal.portal_membership.checkPermission("Copy or Move", object) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)" to: "python:checkPermission("Copy or Move", object) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)"
 - Changed url expression on action portal_actions/object_buttons/copy from: python:"%/object_copy"%((object.isDefaultPageInFolder() and object.getParentNode().absolute_url() or object_url) to: string:\${globals_view/getCurrentObjectUrl}/object_copy
 - Changed condition on action portal_actions/object_buttons/copy from: "python:checkPermission("Copy or Move", object) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)" to: "python:checkPermission("Copy or Move", object) and not globals_view.isPortalOrPortalDefaultPage()"
 - Changed url expression on action portal_actions/object_buttons/paste from: python:"%/object_paste"%((object.isDefaultPageInFolder() or not object.is_folderish()) and object.getParentNode().absolute_url() or object_url) to: string:\${globals_view/getCurrentFolderUrl}/object_paste
 - Changed condition on action portal_actions/object_buttons/delete from: "python:portal.portal_membership.checkPermission("Delete objects", object.aq_inner.getParentNode()) and object is not portal and not



- (object.isDefaultPageInFolder() and object.getParentNode() is portal)" to:
"python:checkPermission("Delete objects", object.aq_inner.getParentNode()) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)"
- Changed url expression on action portal_actions/object_buttons/delete from:
python:"%s/object_delete"%(object.isDefaultPageInFolder() and object.getParentNode().absolute_url() or object_url) to: string:\${globals_view/getCurrentObjectUrl}/object_delete
- Changed condition on action portal_actions/object_buttons/delete from:
"python:checkPermission("Delete objects", object.aq_inner.getParentNode()) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)" to:
"python:checkPermission("Delete objects", object.aq_inner.getParentNode()) and not globals_view.isPortalOrPortalDefaultPage()"
- Changed condition on action portal_actions/object_buttons/delete from:
"python:checkPermission("Delete objects", object.aq_inner.getParentNode()) and not globals_view.isPortalOrPortalDefaultPage()" to: "python:checkPermission("Delete objects", globals_view.getParentObject()) and not globals_view.isPortalOrPortalDefaultPage()"
- Changed condition on action portal_actions/object_buttons/rename from:
"python:portal.portal_membership.checkPermission("Delete objects", object.aq_inner.getParentNode()) and portal.portal_membership.checkPermission("Copy or Move", object) and portal.portal_membership.checkPermission("Add portal content", object) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)" to: "python:checkPermission("Delete objects", object.aq_inner.getParentNode()) and checkPermission("Copy or Move", object) and checkPermission("Add portal content", object) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)"
- Changed url expression on action portal_actions/object_buttons/rename from:
python:"%s/object_rename"%(object.isDefaultPageInFolder() and object.getParentNode().absolute_url() or object_url) to: string:\${globals_view/getCurrentObjectUrl}/object_rename
- Changed condition on action portal_actions/object_buttons/rename from:
"python:checkPermission("Delete objects", object.aq_inner.getParentNode()) and checkPermission("Copy or Move", object) and checkPermission("Add portal content", object) and object is not portal and not (object.isDefaultPageInFolder() and object.getParentNode() is portal)" to: "python:checkPermission("Delete objects", object.aq_inner.getParentNode()) and checkPermission("Copy or Move", object) and checkPermission("Add portal content", object) and not globals_view.isPortalOrPortalDefaultPage()"
- Changed condition on action portal_actions/object_buttons/rename from:
"python:checkPermission("Delete objects", object.aq_inner.getParentNode()) and checkPermission("Copy or Move", object) and checkPermission("Add portal content", object) and not globals_view.isPortalOrPortalDefaultPage()" to:
"python:checkPermission("Delete objects", globals_view.getParentObject()) and checkPermission("Copy or Move", object) and checkPermission("Add portal content", object) and not globals_view.isPortalOrPortalDefaultPage()"
- Changed condition on action portal_actions/folder_buttons/change_state from:
"python:portal.portal_membership.checkPermission("Modify portal content", object) or portal.portal_membership.checkPermission("Review portal content", object)" to:



- "python:checkPermission("Modify portal content", object) or checkPermission("Review portal content", object)"
- Changed condition on action portal_actions/document_actions/podcast from: "python: object.meta_type in ('ATTopic',)" to: "python:object.meta_type in ('ATTopic',)"
 - Changed url expression on action portal_actions/portal_tabs/saap from: string: \${portal_url}/saap to: string:\${portal_url}/saap
 - Changed url expression on action portal_actions/portal_tabs/saal from: string: \${portal_url}/saal to: string:\${portal_url}/saal
 - Changed url expression on action portal_actions/portal_tabs/contact from: string: \${portal_url}/contact-info to: string:\${portal_url}/contact-info
 - Changed url expression on action portal_actions/portal_tabs/sitemap from: string: \${portal_url}/sitemap to: string:\${portal_url}/sitemap
 - Changed url expression on action portal_actions/portal_tabs/login_form from: string: \${portal_url}/login_form to: string:\${portal_url}/login_form
 - Changed condition on action portal_discussion/object/reply from: "python: object is not None and portal.portal_discussion.isDiscussionAllowedFor(object)" to: "python:object is not None and portal.portal_discussion.isDiscussionAllowedFor(object)"
 - Changed condition on action portal_syndication/object/syndication from: "python: folder is object and portal.portal_syndication.isSiteSyndicationAllowed()" to: "python:folder is object and portal.portal_syndication.isSiteSyndicationAllowed()"
 - Changed url expression on action sin_tool/portal_tabs/newfeeds from: string: \${portal_url}/sin_tool/sincfg to: string:\${portal_url}/sin_tool/sincfg
 - Changed url expression on action portal_languages/portal_tabs/languages from: string: \${portal_url}/portal_languages/langConfig to: string:\${portal_url}/portal_languages/langConfig
 - Fixed RTL.css expression to use the @@plone view
 - Upgrade to: 2.5-beta2, completed
 - Attempting to upgrade from: 2.5-beta2
 - Upgrade to: 2.5-rc1, completed
 - Attempting to upgrade from: 2.5-rc1
 - Upgrade to: 2.5-rc2, completed
 - Attempting to upgrade from: 2.5-rc2
 - Upgrade to: 2.5-rc3, completed
 - Attempting to upgrade from: 2.5-rc3
 - Upgrade to: 2.5, completed
 - Attempting to upgrade from: 2.5
 - Added event-registration.js to portal_javascript
 - Updated plone_lexicon pipeline.
 - Modified existing object delete action
 - Upgrade to: 2.5.1-rc1, completed
 - Attempting to upgrade from: 2.5.1-rc1
 - Upgrade to: 2.5.1, completed
 - Attempting to upgrade from: 2.5.1
 - Changed credentials_cookie_path login_path property to 'require_login'.
 - Upgrade to: 2.5.2-rc1, completed
 - Attempting to upgrade from: 2.5.2-rc1
 - Upgrade to: 2.5.2, completed



- Attempting to upgrade from: 2.5.2
- Added `text/x-web-markdown` and `text/x-web-textile`.
- Upgrade to: 2.5.3-rc1, completed
- Attempting to upgrade from: 2.5.3-rc1
- Upgrade to: 2.5.3-final, completed
- Attempting to upgrade from: 2.5.3-final
- Set plone GS profile as default
- Upgrade to: 2.5.4-final, completed
- Attempting to upgrade from: 2.5.4-final
- Upgrade to: 2.5.4-2, completed
- Attempting to upgrade from: 2.5.4-2
- Upgrade to: 2.5.5, completed
- Attempting to upgrade from: 2.5.5
- Migration completed at version 2.5.5
- End of upgrade path, migration has finished
- Your ZODB and Filesystem Plone instances are now up-to-date.
- Exception was thrown while cataloging
- File
"/opt/PortalModelo/Plone_instance/PortalModelo_instance/Products/CMFPlone/MigrationTool.py", line 360, in upgrade catalog.refreshCatalog(clear=1)
- File "/opt/PortalModelo/lib/python/Products/ZCatalog/ZCatalog.py", line 290, in refreshCatalog cat.clear()
- File "/opt/PortalModelo/lib/python/Products/ZCatalog/Catalog.py", line 108, in clear self.getIndex(index).clear()

3) Rotinas de Migração da Versão 2.1 para 2.5

Esta rotina vai ajudar o administrador no processo de migração.

3.1) Executar a a instalação do novo ambiente do Portal Modelo.

3.1.1) Fazendo o download do pacote de instalação

O arquivo estará disponível para download na página colab.interlegis.gov.br. Após acessar a página do Colab, o usuário poderá fazer o download do arquivo PortalModelo-2.0-UnifiedInstaller.tar.gz. O download pode ser feito em sua pasta pessoal no sistema, ou em uma pasta temporária qualquer.

3.1.2) Descompactando o pacote de instalação

Feito o download do arquivo citado, agora você terá que descompactá-lo, para isso acesse o console do sistema, e execute o seguinte comando:



```
tar -zxvf PortalModelo-2.0-UnifiedInstaller.tar.gz
```

Feito isso, o pacote estará descompactado e surgirá uma pasta com o nome *PortalModelo-2.0-UnifiedInstaller*.

2.1.3) Executando o instalador

Acesse a pasta da instalação que foi descompactada no passo anterior, fazendo *cd PortalModelo-2.0-UnifiedInstaller*.

Caso tudo tenha ocorrido corretamente, você verá o diretório com o conteúdo exibido abaixo:

```
tiola@interlegis-desktop:~/devel/PortalModelo-2.0-UnifiedInstaller$ ls  
install.sh license.txt packages readme.txt version.txt
```

Para executar o comando que irá instalar o pacote, você precisa ter permissão de root do sistema. Para executar a instalação faça o comando a seguir:

```
sudo ./install.sh
```

Após executar o comando acima, o instalador irá executar todas as rotinas de instalação. Isto poderá demorar alguns minutos.

Se tudo ocorrer normalmente, ao fim da instalação, você verá uma tela como esta:

```
A Instalação do Portal Modelo 2.0 foi concluída  
  
#####  
##### Instalação Completa #####  
  
Use os dados abaixo para fazer o login na ZMI(Zope Management Interface)  
A conta abaixo tem as permissões de Administrador.  
  
Username: admin  
Password: JvGSZK!4  
  
Antes de iniciar o Zope, verifique as configurações em:  
  
/opt/PortalModelo/Plone_instance/PortalModelo_instance/etc/zope.conf  
  
Ajuste a porta da instância Zope(Padrão :8080) antes de inicializar a  
instâncias do Portal Modelo, se necessário!  
  
Para inicializar o Portal Modelo, execute o comando abaixo no console:  
  
sudo /opt/PortalModelo/Plone_instance/PortalModelo_instance/bin/zopectl start  
  
Para finalizar o Portal Modelo, execute o comando abaixo no console:  
  
sudo /opt/PortalModelo/Plone_instance/PortalModelo_instance/bin/zopectl stop  
  
Portal modelo foi instalado no diretório: /opt/PortalModelo  
Veja em /opt/PortalModelo/adminPassword.txt a sua senha e instruções para inicializar
```



Após estes passos, a instalação do seu portal terá sido concluída com sucesso. Observe que foi mostrado um usuário e senha, no caso da migração ignore estes dados pois você irá utilizar o usuário e senha de administração utilizado atualmente no seu ambiente de produção.

No caminho especificado no início da instalação foi gerado um diretório com a instalação e a instância do Portal Modelo criada.

```
adminPassword.txt bin doc lib Plone_instance Python-2.4.4 receipts skel
```

3.1.4) Copiando o diretório var do ambiente antigo para o novo ambiente

Agora que já copie o diretório var do ambiente antigo para o novo usando o seguinte comando:

```
sudo cp -R /instancia_antiga/var/* /opt/PortalModelo/Plone_instance/PortalModelo_instance/var/
```

Agora que foi copiado o diretório var, vá até o diretório /opt/PortalModelo/Plone_instance/PortalModelo_instance/var, que é onde está o novo ambiente e mude a permissão do arquivo, executando o comando abaixo:

```
sudo chown -R plone:plone *
```

3.1.5) Inicializando o Zope

Após a instalação, vamos inicializar o nosso servidor Zope. Para isso, execute o comando a seguir:

```
sudo /opt/PortalModelo/Plone_instance/PortalModelo_instance/bin/zopectl start
```

Após executado este comando o Zope será inicializado na porta padrão, que é a 8080. Portanto, acesse o navegador de internet e digite o endereço **localhost:8080/manage**, e em seguida, digite a identificação do usuário e a senha do sistema.

Após realizado o login, você estará na ZMI(Zope Management Interface), acesse o portal da câmara e execute o script de migração.

4) Conclusão

Com ajuda deste script vai se tornar mais fácil para as casas legislativas que utilizam o Portal Modelo, migrar o sistema para a nova versão.