

OFICINA DE TECNOLOGÍAS DE INFORMACIÓN DEL CONCYTEC

Software DSPACE-v6.3

Manual técnico para cambiar el texto de inglés a español

Historial de Versiones

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PROCEDIMIENTO DE CONFIGURACION Y PERSONALIZACION DE REPOSITORIO INSTITUCIONAL

1. INTRODUCCIÓN

DSPACE, que es una aplicación informática de código abierto, utilizado como estándar por CONCYTEC para la implementación de repositorios digitales en las instituciones peruanas, los cuales formaran parte de la red de repositorios del país a través de la Plataforma de código abierto ALICIA.

2. OBJETIVO

Por el presente documento, se comparten los lineamientos necesarios para realizar la configuración y personalización del Dspace.

3. ALCANCE

El procedimiento es de alcance del SINACYT.

4. PROCEDIMIENTO

Antes de iniciar los trabajos de configuración y personalización del repositorio, asegúrese de implementar un servidor con las características mínimas de hardware indicados a continuación, esto con la finalidad de que no se presenten problemas y/o conflictos durante la ejecución de los pasos.

Una vez se cuente con el hardware solicitado, se deberán de ejecutar los pasos en el orden indicado en la presente guía.

4.1. Características técnicas

Características mínimas de hardware

Memoria	3-4 GB.
CPU	Cualquiera, pc o servidor
Almacenamiento	20 GB

Software usado para la elaboración de la guía

SO	Ubuntu 20.04.2 LTS
Base de datos	PostgreSQL 12.7
Java	openjdk version 1.8.0_292
Maven	Apache Maven 3.6.3
Ant	Apache Ant(TM) version 1.10.7

4.2. Pasos para configuración y personalización

Indicaciones iniciales

En la explicación de estos pasos se van a visualizar las siguientes carpetas:

build

Es el nombre que le puse a la carpeta en la que me descargué las fuentes del Dspace. Para descargar las fuentes use el siguiente comando:

```
wget https://github.com/DSpace/DSpace/releases/download/dspace-6.3/dspace-6.3-src-release.tar.gz
```

/build/					
Nombre	Tamaño	Modificado	Permisos	Propi...	
		6/06/2021 01:06:28	rw-r-xr-x	root	
 dspace-6.3-src-release		26/06/2018 02:34:34	rw-r-xr-x	vman...	
 dspace-6.3-src-release.tar.gz	5,639 KB	27/06/2018 06:06:43	rw-rw-r--	vman...	

En esta carpeta se realizan todas las modificaciones, para luego realizar una compilación y generación de los archivos que se copiarán al Tomcat.

dspace

Debe de existir una carpeta con el nombre **dspace**. En esta carpeta se van a generar los archivos necesarios para realizar una publicación en el Tomcat.

La generación de los archivos a publicar en el Tomcat se realiza de la siguiente forma:

Instalación inicial del Dspace

```
cd /build/dspace-6.3-src-release
sudo mvn -U package
cd /build/dspace-6.3-src-release/dspace/target/dspace-installer
sudo ant fresh_install
```

Actualizacion del Dspace

```
cd /build/dspace-6.3-src-release
```

```
sudo mvn -U package
```

```
cd /build/dspace-6.3-src-release/dspace/target/dspace-installer
```

```
sudo ant update
```

Despues de realizar la instalacion incial o una actualizacion se va a crear o actualizar la carpeta **webapps**

/dspace/				
Nombre	Tamaño	Modificado	Permisos	Propi...
		6/06/2021 01:06:28	rwXr-xr-x	root
 webapps		29/07/2021 19:50:02	rwXr-xr-x	root
 webapps.bak-20210730-004959		29/07/2021 19:50:01	rwXr-xr-x	root
 lib.bak-20210730-004959		29/07/2021 19:49:59	rwXr-xr-x	root
 lib		29/07/2021 19:49:59	rwXr-xr-x	root
 etc.bak-20210730-004959		29/07/2021 19:49:59	rwXr-xr-x	root
 etc		29/07/2021 19:49:59	rwXr-xr-x	root
 bin.bak-20210730-004959		29/07/2021 19:49:59	rwXr-xr-x	root
 bin		29/07/2021 19:49:59	rwXr-xr-x	root
 log		29/07/2021 19:15:48	rwXr-xr-x	root
 webapps.bak-20210730-000017		29/07/2021 19:00:19	rwXr-xr-x	root
 lib.bak-20210730-000017		29/07/2021 19:00:17	rwXr-xr-x	root
 etc.bak-20210730-000017		29/07/2021 19:00:17	rwXr-xr-x	root
 bin.bak-20210730-000017		29/07/2021 19:00:17	rwXr-xr-x	root
 lib.bak-20210729-234544		29/07/2021 18:45:44	rwXr-xr-x	root
 etc.bak-20210729-234544		29/07/2021 18:45:44	rwXr-xr-x	root
 bin.bak-20210729-234544		29/07/2021 18:45:44	rwXr-xr-x	root
 etc.bak-20210729-234332		29/07/2021 18:43:33	rwXr-xr-x	root
 lib.bak-20210729-234332		29/07/2021 18:43:32	rwXr-xr-x	root
 config		29/07/2021 18:43:32	rwXr-xr-x	root
 bin.bak-20210729-234332		29/07/2021 18:43:32	rwXr-xr-x	root
 assetstore		5/07/2021 23:37:36	rwXr-xr-x	root
 upload		5/07/2021 23:36:49	rwXr-xr-x	root
 webapps.bak-20210701-060859		1/07/2021 01:09:01	rwXr-xr-x	root
 etc.bak-20210701-060859		1/07/2021 01:09:00	rwXr-xr-x	root
 lib.bak-20210701-060859		1/07/2021 01:08:59	rwXr-xr-x	root
 bin.bak-20210701-060859		1/07/2021 01:08:59	rwXr-xr-x	root
 imports		6/06/2021 01:53:01	rwXr-xr-x	root
 solr		6/06/2021 01:34:48	rwXr-xr-x	root
 var		6/06/2021 01:16:41	rwXr-xr-x	root
 triplestore		6/06/2021 01:16:41	rwXr-xr-x	root
 reports		6/06/2021 01:16:41	rwXr-xr-x	root
 handle-server		6/06/2021 01:16:41	rwXr-xr-x	root
 exports		6/06/2021 01:16:41	rwXr-xr-x	root

apache-tomcat-8.0.37

Esta es la carpeta que contiene al Tomcat, y dentro de esta encontramos la carpeta **webapps**, en la cual se van a copiar los archivos que se generaron al compilar.

/opt/apache-tomcat-8.0.37/webapps/				
Nombre	Tamaño	Modificado	Permisos	Propi...
		6/06/2021 01:36:01	rw-r--r--	root
xmlui		29/07/2021 19:56:01	rw-r--r--	root
swordv2		29/07/2021 19:56:01	rw-r--r--	root
sword		29/07/2021 19:56:01	rw-r--r--	root
solr		29/07/2021 19:56:01	rw-r--r--	root
rest		29/07/2021 19:56:01	rw-r--r--	root
rdf		29/07/2021 19:56:01	rw-r--r--	root
oai		29/07/2021 19:56:01	rw-r--r--	root
jspui		29/07/2021 19:56:01	rw-r--r--	root

Comandos para copiar el compilado

```
rm -r /opt/tomcat/webapps/*
```

```
sudo cp -r /dspace/webapps/* /opt/tomcat/webapps
```

Pasos para cambiar el texto mostrado en ingles a español

1. Ingresar al aplicativo del Dspace e identificar el texto que se quiere cambiar. Para este ejemplo vamos a cambiar el nombre del botón "Show full item record 2" a "Registro Dublin Core Completo". La página que se visualiza en el siguiente grafico es el detalle de un ítem o publicación.

192.168.1.5:8080/jspui/handle/123456789/4

Home Browse Help Search DSpace Sign on to:

DSpace at OTI / Historia / Edad bronce

Please use this identifier to cite or link to this item: <http://localhost:8080/xmlui/handle/123456789/4>

Title:	Historia 100
Authors:	Marco Peres
Keywords:	subject 100
Issue Date:	25-Mar-1995
Abstract:	re
URI:	http://localhost:8080/xmlui/handle/123456789/4
Appears in Collections:	Edad bronce

Files in This Item:

File	Description	Size	Format
antecedentes.pdf		992.83 kB	Adobe PDF

[View/Open](#)

[Show full item record 2](#) 

Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.

2. Editar el archivo Messages.properties.

El archivo se encuentra en:

/build/dspace-6.3-src-release/dspace-api/src/main/resources/Messages.properties

/build/dspace-6.3-src-release/dspace-api/src/main/resources/				
Nombre	Tamaño	Modificado	Permisos	Propi...
..		26/06/2018 02:34:24	rwxf-xr-x	vman...
spring		6/06/2021 01:06:39	rwxf-xr-x	vman...
org		26/06/2018 02:34:24	rwxf-xr-x	vman...
scm.properties	1 KB	26/06/2018 02:34:24	rw-r--r--	vman...
Messages.properties	180 KB	26/06/2018 02:34:24	rw-r--r--	vman...
maven.properties	1 KB	26/06/2018 02:34:24	rw-r--r--	vman...

3. En este archivo “Messages.properties” buscar el término que se desea reemplazar, en este caso el termino es “Show full item record 2”

145 jsp.components.login-form.login	= Log In
146 jsp.components.login-form.newuser	= New user? Click here to register.
147 jsp.components.login-form.password	= Password:
148 jsp.controlledvocabulary.controlledvocabulary.clearbutton	= Clear
149 jsp.controlledvocabulary.controlledvocabulary.closebutton	= Close
150 jsp.controlledvocabulary.controlledvocabulary.filter	= Filter:
151 jsp.controlledvocabulary.controlledvocabulary.help-link	= (Help on Subject Categories...)
152 jsp.controlledvocabulary.controlledvocabulary.title	= Subject Categories
153 jsp.controlledvocabulary.controlledvocabulary.trimbutton	= Apply
154 jsp.controlledvocabulary.controlledvocabulary.trimmessage	= Find a subject in the controlled vocabulary:
155 jsp.controlledvocabulary.controlledvocabularytag.noresults	= No results
156 jsp.controlledvocabulary.results.newsearch	= Search other subject...
157 jsp.controlledvocabulary.search.clearbutton	= Clear
158 jsp.controlledvocabulary.search.filter	= Filter:
159 jsp.controlledvocabulary.search.heading	= Subject Search
160 jsp.controlledvocabulary.search.on-page-help.para1	= Check the boxes next to the categories that you wish to search under, then hit "Search...". Categ
161 jsp.controlledvocabulary.search.on-page-help.para2	= Filtering the list of categories will remove from the list below any categories that do not match
162 jsp.controlledvocabulary.search.searchbutton	= Search...
163 jsp.controlledvocabulary.search.title	= Subject Search
164 jsp.controlledvocabulary.search.trimbutton	= Apply
165 jsp.controlledvocabulary.search.trimmessage	= Find a subject in the controlled vocabulary:
166 jsp.display-item.back-to-workspace	= Back to Workspace
167 jsp.display-item.copyright	= Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.
168 jsp.display-item.identifier	= Please use this identifier to cite or link to this item:
169 jsp.display-item.license	= Creative Commons License
170 jsp.display-item.suggest	= Recommend this item
171 jsp.display-item.text1	= Show simple item record
172 jsp.display-item.text2	= Show full item record 2
173 jsp.display-item.text3	= This item is licensed under a
174 jsp.display-item.display-statistics	=
175 jsp.dspace-admin.authorize-advanced.add	= Add Policy
176 jsp.dspace-admin.authorize-advanced.advanced	= Advanced Policy Manager
177 jsp.dspace-admin.authorize-advanced.clear	= Clear Policies
178 jsp.dspace-admin.authorize-advanced.col	= Collection:
179 jsp.dspace-admin.authorize-advanced.text	= Allows you to do wildcard additions to and clearing of policies for items or bitstreams contained
180 jsp.dspace-admin.authorize-advanced.type	= Content Type:
181 jsp.dspace-admin.authorize-advanced.type1	= item
182 jsp.dspace-admin.authorize-advanced.type2	= bitstream
183 jsp.dspace-admin.authorize-advanced.warning	= (warning: clears all policies for a given set of objects)
184 jsp.dspace-admin.authorize-collection-edit.policies	= Policies for Collection "{0}" ({1}, DB ID {2})
185 jsp.dspace-admin.authorize-collection-edit.title	= Edit collection policies
186 jsp.dspace-admin.authorize-community-edit.policies	= Policies for Community "{0}" ({1}, DB ID {2})
187 jsp.dspace-admin.authorize-community-edit.title	= Edit community policies
188 jsp.dspace-admin.authorize-item-edit.bitstream	= Bitstream {0} ({1})

4. Modificamos el texto y guardar los cambios.

cd /build/dspace-6.3-src-release/dspace-api/src/main/resources

nano +192 Messages.properties

Antes

```

root@ubuntu: /build/dspace-6.3-src-release/dspace-api/src/main/resources

GNU nano 4.8 Messages.properties
jsp.components.login-form.enter = Please enter your e-mail address and password into
jsp.components.login-form.forgot = Have you forgotten your password?
jsp.components.login-form.login = Log In
jsp.components.login-form.newuser = New user? Click here to register.
jsp.components.login-form.password = Password:
jsp.controlledvocabulary.controlledvocabulary.clearbutton = Clear
jsp.controlledvocabulary.controlledvocabulary.closebutton = Close
jsp.controlledvocabulary.controlledvocabulary.filter = Filter:
jsp.controlledvocabulary.controlledvocabulary.help-link = (Help on Subject Categories...)
jsp.controlledvocabulary.controlledvocabulary.title = Subject Categories
jsp.controlledvocabulary.controlledvocabulary.trimbutton = Apply
jsp.controlledvocabulary.controlledvocabulary.trimmessage = Find a subject in the controlled vocabulary:
jsp.controlledvocabulary.controlledvocabularytag.noresults = No results
jsp.controlledvocabulary.results.newsearch = Search other subject...
jsp.controlledvocabulary.search.clearbutton = Clear
jsp.controlledvocabulary.search.filter = Filter:
jsp.controlledvocabulary.search.heading = Subject Search
jsp.controlledvocabulary.search.on-page-help.paral = Check the boxes next to the categories that you wi
jsp.controlledvocabulary.search.on-page-help.para2 = Filtering the list of categories will remove from
jsp.controlledvocabulary.search.searchbutton = Search...
jsp.controlledvocabulary.search.title = Subject Search
jsp.controlledvocabulary.search.trimbutton = Apply
jsp.controlledvocabulary.search.trimmessage = Find a subject in the controlled vocabulary:
jsp.display-item.back_to_workspace = Back to Workspace
jsp.display-item.copyright = Items in DSpace are protected by copyright, with a
jsp.display-item.identifier = Please use this identifier to cite or link to this
jsp.display-item.license = Creative Commons License
jsp.display-item.suggest = Recommend this item
jsp.display-item.text1 = Show simple item record
jsp.display-item.text2 = Show full item record 2
jsp.display-item.text3 = This item is licensed under a
jsp.display-item.display-statistics = <span class="glyphicon glyphicon-stats"></span>
jsp.dspace-admin.authorize-advanced.add = Add Policy
jsp.dspace-admin.authorize-advanced.advanced = Advanced Policy Manager
jsp.dspace-admin.authorize-advanced.clear = Clear Policies
jsp.dspace-admin.authorize-advanced.col = Collection:
jsp.dspace-admin.authorize-advanced.text = Allows you to do wildcard additions to and clearin
jsp.dspace-admin.authorize-advanced.type = Content Type:
jsp.dspace-admin.authorize-advanced.type1 = item
jsp.dspace-admin.authorize-advanced.type2 = bitstream
jsp.dspace-admin.authorize-advanced.warning = (warning: clears all policies for a given set of o
jsp.dspace-admin.authorize-collection-edit.policies = Policies for Collection "{0}" ({1}, DB ID {2})
jsp.dspace-admin.authorize-collection-edit.title = Edit collection policies

```

Despues

```

root@ubuntu: /build/dspace-6.3-src-release/dspace-api/src/main/resources

GNU nano 4.8      Messages.properties      Modified
jsp.components.login-form.enter      = Please enter your e-mail address and password into
jsp.components.login-form.forgot     = Have you forgotten your password?
jsp.components.login-form.login      = Log In
jsp.components.login-form.newuser    = New user? Click here to register.
jsp.components.login-form.password   = Password:
jsp.controlledvocabulary.controlledvocabulary.clearbutton = Clear
jsp.controlledvocabulary.controlledvocabulary.closebutton = Close
jsp.controlledvocabulary.controlledvocabulary.filter      = Filter:
jsp.controlledvocabulary.controlledvocabulary.help-link   = (Help on Subject Categories...)
jsp.controlledvocabulary.controlledvocabulary.title       = Subject Categories
jsp.controlledvocabulary.controlledvocabulary.trimbutton  = Apply
jsp.controlledvocabulary.controlledvocabulary.trimmessage = Find a subject in the controlled vocabulary:
jsp.controlledvocabulary.controlledvocabularytag.noresults = No results
jsp.controlledvocabulary.results.newsearch                = Search other subject...
jsp.controlledvocabulary.search.clearbutton               = Clear
jsp.controlledvocabulary.search.filter                    = Filter:
jsp.controlledvocabulary.search.heading                    = Subject Search
jsp.controlledvocabulary.search.on-page-help.paral        = Check the boxes next to the categories that you wi
jsp.controlledvocabulary.search.on-page-help.para2        = Filtering the list of categories will remove from
jsp.controlledvocabulary.search.searchbutton               = Search...
jsp.controlledvocabulary.search.title                      = Subject Search
jsp.controlledvocabulary.search.trimbutton                 = Apply
jsp.controlledvocabulary.search.trimmessage                = Find a subject in the controlled vocabulary:
jsp.display-item.back_to_workspace                         = Back to Workspace
jsp.display-item.copyright                                 = Items in DSpace are protected by copyright, with a
jsp.display-item.identifier                                = Please use this identifier to cite or link to this
jsp.display-item.license                                   = Creative Commons License
jsp.display-item.suggest                                   = Recommend this item
jsp.display-item.text1                                     = Show simple item record
jsp.display-item.text2                                     = Registro Dublin Core Completo
jsp.display-item.text3                                     = This item is licensed under a
jsp.display-item.display-statistics                        = <span class="glyphicon glyphicon-stats"></span>
jsp.dspace-admin.authorize-advanced.add                   = Add Policy
jsp.dspace-admin.authorize-advanced.advanced               = Advanced Policy Manager
jsp.dspace-admin.authorize-advanced.clear                 = Clear Policies
jsp.dspace-admin.authorize-advanced.col                    = Collection:
jsp.dspace-admin.authorize-advanced.text                  = Allows you to do wildcard additions to and clearin
jsp.dspace-admin.authorize-advanced.type                   = Content Type:
jsp.dspace-admin.authorize-advanced.type1                  = item
jsp.dspace-admin.authorize-advanced.type2                  = bitstream
jsp.dspace-admin.authorize-advanced.warning                = (warning: clears all policies for a given set of o
jsp.dspace-admin.authorize-collection-edit.policies        = Policies for Collection "{0}" ({1}, DB ID {2})
jsp.dspace-admin.authorize-collection-edit.title           = Edit collection policies
jsp.dspace-admin.authorize-community-edit.policies         = Policies for Community "{0}" ({1}, DB ID {2})
jsp.dspace-admin.authorize-community-edit.title            = Edit community policies
jsp.dspace-admin.authorize-item-edit.bitstream             = Bitstream {0} ({1})
jsp.dspace-admin.authorize-item-edit.bundle                = Policies for Bundle {0} ({1})
  
```

5. Detener el Tomcat
 sudo /opt/tomcat/bin/shutdown.sh
6. Compilar las fuentes
 cd /build/dspace-6.3-src-release
 sudo mvn -U package

```
[INFO] Not compiling test sources
[INFO]
[INFO] --- maven-surefire-plugin:2.19.1:test (default-test) @ dspace-xmlui-mirage2
[INFO] Tests are skipped.
[INFO]
[INFO] --- maven-war-plugin:2.6:war (default-war) @ dspace-xmlui-mirage2 ---
[INFO] Packaging webapp
[INFO] Assembling webapp [dspace-xmlui-mirage2] in [/build/dspace-6.3-src-release/dspace-xmlui-mirage2-6.3]
[INFO] Processing war project
[INFO] Copying webapp webResources [/build/dspace-6.3-src-release/dspace-xmlui-mirage2-6.3-src-release/dspace-xmlui-mirage2/target/dspace-xmlui-mirage2-6.3]
[INFO] Copying webapp resources [/build/dspace-6.3-src-release/dspace-xmlui-mirage2-6.3-src-release/dspace-xmlui-mirage2/target/dspace-xmlui-mirage2-6.3]
[INFO] Webapp assembled in [17 msecs]
[INFO] Building war: /build/dspace-6.3-src-release/dspace-xmlui-mirage2/target/dspace-xmlui-mirage2-6.3.war
[INFO]
[INFO] -----
[INFO] Reactor Summary for DSpace Parent Project 6.3:
[INFO]
[INFO] DSpace Parent Project ..... SUCCESS [ 0.213 s]
[INFO] DSpace Services Framework :: API and Implementation SUCCESS [ 1.164 s]
[INFO] DSpace Kernel :: API and Implementation ..... SUCCESS [ 3.502 s]
[INFO] DSpace Addon Modules ..... SUCCESS [ 0.002 s]
[INFO] DSpace Kernel :: Additions and Local Customizations SUCCESS [ 1.437 s]
[INFO] DSpace XML-UI (Manakin) ..... SUCCESS [ 1.148 s]
[INFO] DSpace XML-UI (Manakin) :: Local Customizations .... SUCCESS [ 3.954 s]
[INFO] DSpace JSP-UI ..... SUCCESS [ 0.322 s]
[INFO] DSpace JSP-UI :: Local Customizations ..... SUCCESS [ 2.715 s]
[INFO] DSpace RDF ..... SUCCESS [ 2.168 s]
[INFO] DSpace RDF :: Local Customizations ..... SUCCESS [ 2.851 s]
[INFO] DSpace REST :: API and Implementation ..... SUCCESS [ 2.645 s]
[INFO] DSpace REST :: Local Customizations ..... SUCCESS [ 3.305 s]
[INFO] DSpace SWORD ..... SUCCESS [ 0.428 s]
[INFO] DSpace SWORD :: Local Customizations ..... SUCCESS [ 2.765 s]
[INFO] DSpace SWORD v2 ..... SUCCESS [ 0.157 s]
[INFO] DSpace SWORD v2 :: Local Customizations ..... SUCCESS [ 2.561 s]
[INFO] Apache Solr Webapp ..... SUCCESS [ 3.591 s]
[INFO] DSpace SOLR :: Local Customizations ..... SUCCESS [ 2.095 s]
[INFO] DSpace OAI-PMH ..... SUCCESS [ 0.256 s]
[INFO] DSpace OAI-PMH :: Local Customizations ..... SUCCESS [ 2.857 s]
[INFO] DSpace Assembly and Configuration ..... SUCCESS [ 4.075 s]
[INFO] DSpace XML-UI Mirage2 Theme ..... SUCCESS [ 0.037 s]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 44.440 s
[INFO] Finished at: 2021-07-30T00:41:45Z
[INFO] -----
```

7. Generar una nueva versión de los archivos a publicar en el Tomcat
 cd /build/dspace-6.3-src-release/dspace/target/dspace-installer
 sudo ant update

```

root@ubuntu: /build/dspace-6.3-src-release/dspace/target/dspace-installer

[copy] Copied 302 empty directories to 1 empty directory under /dspace/webapps
[copy] Copying 10 files to /dspace/webapps

build_webapps_wars:
[echo]
[echo] =====
[echo] Updated DSpace Web application directories are in the
[echo] '/dspace/webapps' directory.
[echo]
[echo] * Stop your Web servlet container (Tomcat, Jetty, Resin etc.)
[echo]
[echo] * If your Web servlet container already loads the DSpace
[echo] UI web applications from /dspace/webapps/, then you
[echo] can jump straight to restarting your Web servlet container
[echo]
[echo] * Otherwise, you will need to copy any web applications from
[echo] /dspace/webapps/ to the appropriate place for your servlet
[echo] container. (e.g. '$CATALINA_HOME/webapps' for Tomcat)
[echo]
[echo] If you're using Tomcat, you should first delete any existing
[echo] DSpace directories in '$CATALINA_HOME/webapps/' (e.g. you would
[echo] delete an existing $CATALINA_HOME/webapps/dspace/ directory).
[echo] Otherwise, Tomcat may continue to use old code in that directory.
[echo]
[echo] * Start up your Web servlet container again.
[echo] =====
[echo]

update_solr_indexes:
[echo] Checking if any Solr indexes (/dspace/solr/*) need upgrading...
[echo] Current version of Solr/Lucene: 4.10.2

check_solr_index:
[echo] Checking if the Solr index at /dspace/solr/statistics/data/index/ is >= Solr 3.5.0
[echo] The Solr index in /dspace/solr/statistics/data/index/ IS >= Solr 3.5.0. Looks good!

check_solr_index:
[echo] Checking if the Solr index at /dspace/solr/statistics/data/index/ is >= Solr 4.10.2
[echo] The Solr index in /dspace/solr/statistics/data/index/ IS >= Solr 4.10.2. Looks good!

check_solr_index:
[echo] Checking if the Solr index at /dspace/solr/search/data/index/ is >= Solr 3.5.0
[echo] The Solr index in /dspace/solr/search/data/index/ IS >= Solr 3.5.0. Looks good!

check_solr_index:
[echo] Checking if the Solr index at /dspace/solr/search/data/index/ is >= Solr 4.10.2
[echo] The Solr index in /dspace/solr/search/data/index/ IS >= Solr 4.10.2. Looks good!

check_solr_index:
[echo] Checking if the Solr index at /dspace/solr/oai/data/index/ is >= Solr 3.5.0
[echo] The Solr index in /dspace/solr/oai/data/index/ IS >= Solr 3.5.0. Looks good!

check_solr_index:
[echo] Checking if the Solr index at /dspace/solr/oai/data/index/ is >= Solr 4.10.2
[echo] The Solr index in /dspace/solr/oai/data/index/ IS >= Solr 4.10.2. Looks good!
[echo] Cleanup any downloaded lucene-core-*.jar files. We don't need them anymore.

update:

BUILD SUCCESSFUL
Total time: 4 seconds
root@ubuntu: /build/dspace-6.3-src-release/dspace/target/dspace-installer#

```

8. Verificar que se haya generado un nuevo compilado

/dspace/webapps/				
Nombre	Tamaño	Modificado	Permisos	Pre
		29/07/2021 19:50:01	rwXr-Xr-X	dsj
 xmlui		29/07/2021 19:50:02	rwXr-Xr-X	roc
 swordv2		29/07/2021 19:50:02	rwXr-Xr-X	roc
 sword		29/07/2021 19:50:02	rwXr-Xr-X	roc
 solr		29/07/2021 19:50:02	rwXr-Xr-X	roc
 rest		29/07/2021 19:50:02	rwXr-Xr-X	roc
 jspui		29/07/2021 19:50:02	rwXr-Xr-X	roc
 rdf		29/07/2021 19:50:01	rwXr-Xr-X	roc
 oai		29/07/2021 19:50:01	rwXr-Xr-X	roc

9. Copiar el nuevo compilado al Tomcat

```
rm -r /opt/tomcat/webapps/*
```

```
sudo cp -r /dspace/webapps/* /opt/tomcat/webapps
```
10. Iniciar el Tomcat

```
sudo /opt/tomcat/bin/startup.sh
```
11. Ingresar al aplicativo Dspace, y dirigirse a la página en la que se realizó el cambio de texto, y presionar la tecla control + F5

192.168.1.5:8080/jspui/handle/123456789/4

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