

LogicalDOC

| | |
|----------------------------|---|
| Sistema operacional usado: | CentOS 7 |
| Configuração: | 2GB memória, 16GB HD, 1 Núcleo |
| Banco de dados: | PostgreSQL |
| Serviço principal: | LogicalDOC |
| Dependências Compiladas: | Apache OpenOffice ImageMagick GhostScript Pdftohtml Leptonica Tesseract OpenSSL Antivírus ClamAV |

Instalando logicaldoc

Primeiramente instalei o programa “wget” com o seguinte comando:

```
$ yum install wget
```

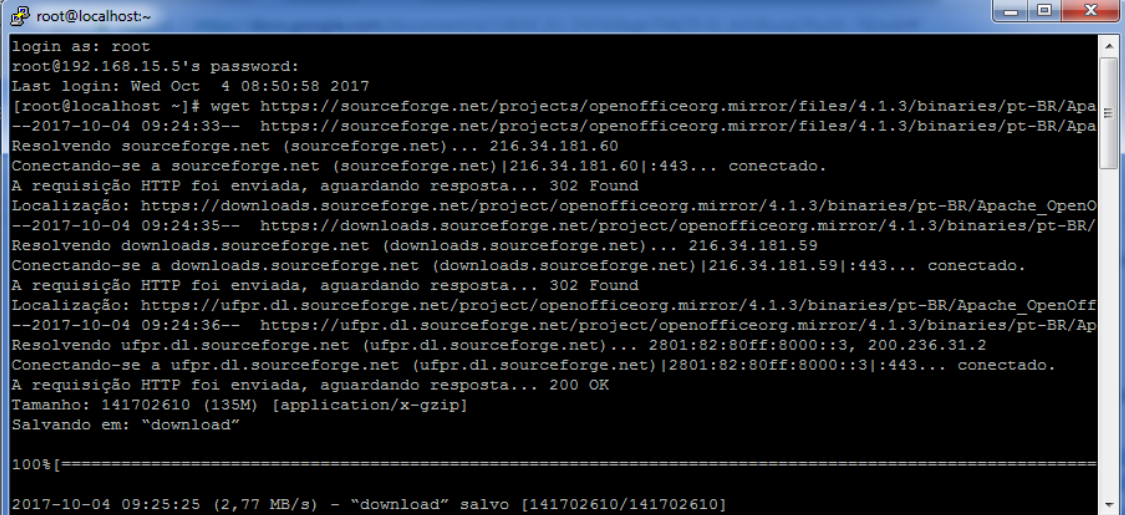
O comando acima foi feito para baixar os aplicativos necessários para rodar a aplicação principal.

*Instalando aplicações necessárias:

1) Apache OpenOffice

#Primeiramente temos que baixar os pacotes do site com o seguinte comando:

```
$ wget https://sourceforge.net/projects/openofficeorg.mirror/files/4.1.3/binaries/pt-BR/Apache_OpenOffice_4.1.3_Linux_x86_install-rpm_pt-BR.tar.gz/download
```



```
root@localhost:~  
login as: root  
root@192.168.15.5's password:  
Last login: Wed Oct 4 08:50:58 2017  
[root@localhost ~]# wget https://sourceforge.net/projects/openofficeorg.mirror/files/4.1.3/binaries/pt-BR/Apache_OpenOffice_4.1.3_Linux_x86_install-rpm_pt-BR.tar.gz/download  
--2017-10-04 09:24:33-- https://sourceforge.net/projects/openofficeorg.mirror/files/4.1.3/binaries/pt-BR/Apache_OpenOffice_4.1.3_Linux_x86_install-rpm_pt-BR.tar.gz/download  
Resolvendo sourceforge.net (sourceforge.net)... 216.34.181.60  
Conectando-se a sourceforge.net (sourceforge.net)|216.34.181.60|:443... conectado.  
A requisição HTTP foi enviada, aguardando resposta... 302 Found  
Localização: https://downloads.sourceforge.net/project/openofficeorg.mirror/4.1.3/binaries/pt-BR/Apache_OpenOffice_4.1.3_Linux_x86_install-rpm_pt-BR.tar.gz/download  
--2017-10-04 09:24:35-- https://downloads.sourceforge.net/project/openofficeorg.mirror/4.1.3/binaries/pt-BR/Apache_OpenOffice_4.1.3_Linux_x86_install-rpm_pt-BR.tar.gz/download  
Resolvendo downloads.sourceforge.net (downloads.sourceforge.net)... 216.34.181.59  
Conectando-se a downloads.sourceforge.net (downloads.sourceforge.net)|216.34.181.59|:443... conectado.  
A requisição HTTP foi enviada, aguardando resposta... 302 Found  
Localização: https://ufpr.dl.sourceforge.net/project/openofficeorg.mirror/4.1.3/binaries/pt-BR/Apache_OpenOffice_4.1.3_Linux_x86_install-rpm_pt-BR.tar.gz/download  
--2017-10-04 09:24:36-- https://ufpr.dl.sourceforge.net/project/openofficeorg.mirror/4.1.3/binaries/pt-BR/Apache_OpenOffice_4.1.3_Linux_x86_install-rpm_pt-BR.tar.gz/download  
Resolvendo ufpr.dl.sourceforge.net (ufpr.dl.sourceforge.net)... 2801:82:80ff:8000::3, 200.236.31.2  
Conectando-se a ufpr.dl.sourceforge.net (ufpr.dl.sourceforge.net)|2801:82:80ff:8000::3|:443... conectado.  
A requisição HTTP foi enviada, aguardando resposta... 200 OK  
Tamanho: 141702610 (135M) [application/x-gzip]  
Salvando em: "download"  
  
100%[=====]  
2017-10-04 09:25:25 (2,77 MB/s) - "download" salvo [141702610/141702610]
```

#Após baixado o arquivo vai estar na pasta, sem necessidade de colocar “cd”, apenas colocar o comando para descompactar o pacote RPM:

```
$ tar -zxvf download
```

```
[root@localhost ~]# tar -zxvf download
```

#Assim ele irá descompactar os arquivos RPM para instalação dos principais serviços para o Logicaldoc.

```
root@localhost:~/pt-BR/RPMS
[root@localhost ~]# ls
anaconda-ks.cfg  download  pt-BR
[root@localhost ~]# cd pt-BR/
[root@localhost pt-BR]# ls
licenses  readmes  RPMS
[root@localhost pt-BR]# cd RPMS/
[root@localhost RPMS]# ls
-bash: ls: comando não encontrado
[root@localhost RPMS]# ls
desktop-integration  openoffice-images-4.1.3-9783.i586.rpm
openoffice-4.1.3-9783.i586.rpm  openoffice-impress-4.1.3-9783.i586.rpm
openoffice-base-4.1.3-9783.i586.rpm  openoffice-javafilter-4.1.3-9783.i586.rpm
openoffice-brand-base-4.1.3-9783.i586.rpm  openoffice-math-4.1.3-9783.i586.rpm
openoffice-brand-calc-4.1.3-9783.i586.rpm  openoffice-ogltrans-4.1.3-9783.i586.rpm
openoffice-brand-draw-4.1.3-9783.i586.rpm  openoffice-onlineupdate-4.1.3-9783.i586.rpm
openoffice-brand-impress-4.1.3-9783.i586.rpm  openoffice-ooofonts-4.1.3-9783.i586.rpm
openoffice-brand-math-4.1.3-9783.i586.rpm  openoffice-oolinguistic-4.1.3-9783.i586.rpm
openoffice-brand-pt-BR-4.1.3-9783.i586.rpm  openoffice-pt-BR-4.1.3-9783.i586.rpm
openoffice-brand-writer-4.1.3-9783.i586.rpm  openoffice-pt-BR-base-4.1.3-9783.i586.rpm
openoffice-calc-4.1.3-9783.i586.rpm  openoffice-pt-BR-calc-4.1.3-9783.i586.rpm
openoffice-core01-4.1.3-9783.i586.rpm  openoffice-pt-BR-draw-4.1.3-9783.i586.rpm
openoffice-core02-4.1.3-9783.i586.rpm  openoffice-pt-BR-help-4.1.3-9783.i586.rpm
openoffice-core03-4.1.3-9783.i586.rpm  openoffice-pt-BR-impress-4.1.3-9783.i586.rpm
openoffice-core04-4.1.3-9783.i586.rpm  openoffice-pt-BR-math-4.1.3-9783.i586.rpm
openoffice-core05-4.1.3-9783.i586.rpm  openoffice-pt-BR-res-4.1.3-9783.i586.rpm
openoffice-core06-4.1.3-9783.i586.rpm  openoffice-pt-BR-writer-4.1.3-9783.i586.rpm
openoffice-core07-4.1.3-9783.i586.rpm  openoffice-pyuno-4.1.3-9783.i586.rpm
openoffice-draw-4.1.3-9783.i586.rpm  openoffice-pt-BR-writer-4.1.3-9783.i586.rpm
openoffice-gnome-integration-4.1.3-9783.i586.rpm  openoffice-ure-4.1.3-9783.i586.rpm
openoffice-graphicfilter-4.1.3-9783.i586.rpm  openoffice-writer-4.1.3-9783.i586.rpm
openoffice-xsltfilter-4.1.3-9783.i586.rpm
[root@localhost RPMS]#
```

#Após a descompactação teremos que entrar nas pastas /pt-BR/RPMS dando ls no final para conferir se todos os arquivos estão lá

#Usando o comando RPM -Uvh *.rpm (no final como *.rpm para instalação das dependências)

*\$ RPM -Uvh *.rpm*

```
[root@localhost RPMS]# rpm -Uvh *.rpm
Preparando... ##### [100%]
Updating / installing...
1:openoffice-ure-4.1.3-9783 ##### [ 2%]
2:openoffice-core01-4.1.3-9783 ##### [ 5%]
3:openoffice-pt-BR-4.1.3-9783 ##### [ 7%]
4:openoffice-impress-4.1.3-9783 ##### [10%]
5:openoffice-pt-BR-base-4.1.3-9783 ##### [12%]
6:openoffice-pt-BR-calc-4.1.3-9783 ##### [15%]
7:openoffice-pt-BR-draw-4.1.3-9783 ##### [17%]
8:openoffice-pt-BR-help-4.1.3-9783 ##### [20%]
9:openoffice-pt-BR-impress-4.1.3-9783 ##### [22%]
10:openoffice-pt-BR-math-4.1.3-9783 ##### [24%]
11:openoffice-pt-BR-res-4.1.3-9783 ##### [27%]
12:openoffice-pt-BR-writer-4.1.3-9783 ##### [29%]
```

#Assim instalando o Apache OpenOffice.

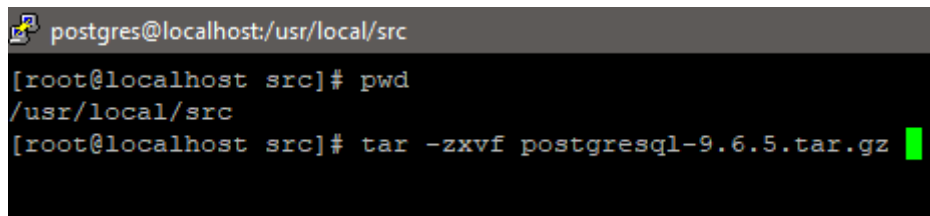
2) Instalando banco de dados PostgreSQL

#O PostgreSQL 9.6.5 pode ser obtido pelo link abaixo:

\$ *wget <https://ftp.postgresql.org/pub/source/v9.6.5/postgresql-9.6.5.tar.gz>*

#Descompactar

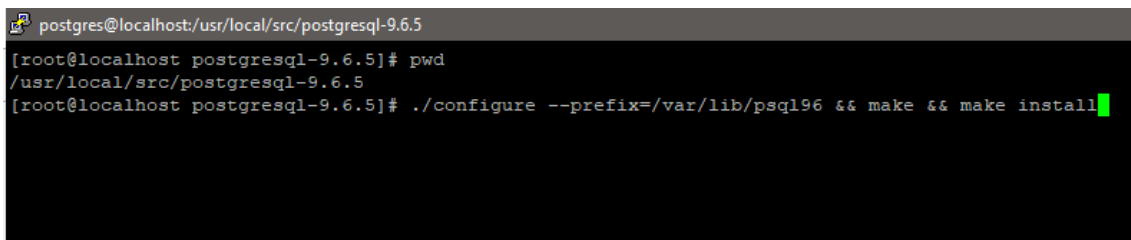
\$ tar -zxvf postgresql-9.6.5.tar.gz

A terminal window with a dark background. The prompt is 'postgres@localhost:/usr/local/src'. The user enters 'pwd' and the output is '/usr/local/src'. Then the user enters 'tar -zxvf postgresql-9.6.5.tar.gz' and a green cursor is visible at the end of the command.

```
postgres@localhost:/usr/local/src
[root@localhost src]# pwd
/usr/local/src
[root@localhost src]# tar -zxvf postgresql-9.6.5.tar.gz
```

#Compile e Instalar

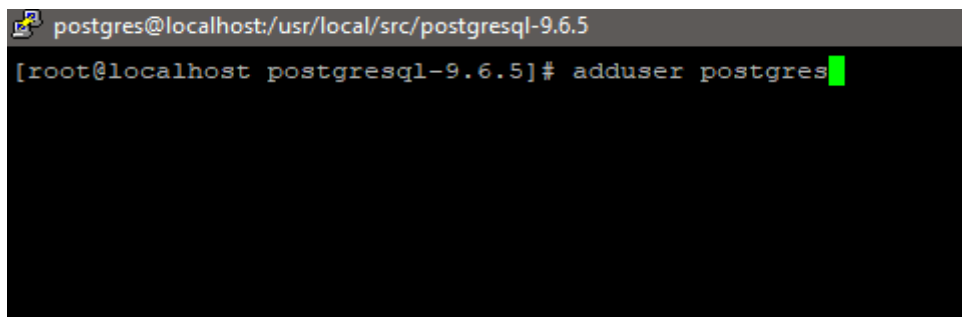
\$./configure --prefix=/var/lib/psql196 && make && make install

A terminal window with a dark background. The prompt is 'postgres@localhost:/usr/local/src/postgresql-9.6.5'. The user enters 'pwd' and the output is '/usr/local/src/postgresql-9.6.5'. Then the user enters './configure --prefix=/var/lib/psql196 && make && make install' and a green cursor is visible at the end of the command.

```
postgres@localhost:/usr/local/src/postgresql-9.6.5
[root@localhost postgresql-9.6.5]# pwd
/usr/local/src/postgresql-9.6.5
[root@localhost postgresql-9.6.5]# ./configure --prefix=/var/lib/psql196 && make && make install
```

#Adicionar usuário

\$ adduser postgres

A terminal window with a dark background. The prompt is 'postgres@localhost:/usr/local/src/postgresql-9.6.5'. The user enters 'adduser postgres' and a green cursor is visible at the end of the command.

```
postgres@localhost:/usr/local/src/postgresql-9.6.5
[root@localhost postgresql-9.6.5]# adduser postgres
```

#Criar pasta do banco de dados

```
$ cd /var/lib/psql196
```

```
$cd bin/
```

```
postgres@localhost:/var/lib/psql96/bin
[root@localhost bin]# cd /var/lib/psql96/
[root@localhost psql96]# cd bin/
[root@localhost bin]#
```

```
$ mkdir /opt/pgdata/
```

```
postgres@localhost:/var/lib/psql96/bin
[root@localhost bin]# mkdir /opt/pgdata/
```

```
$ chown postgres. /opt/pgdata/
```

```
postgres@localhost:/var/lib/psql96/bin
[root@localhost bin]# chown postgres. /opt/pgdata/
```

#Inicializar dados do diretório do PostgreSQL

```
$ su - postgres -c "/var/lib/psql196/bin/initdb -D /opt/pgdata"
```

```
postgres@localhost:/var/lib/psql96/bin
[root@localhost bin]# su - postgres -c "/var/lib/psql96/bin/initdb -D /opt/pgdata"
```

#Iniciar Banco de Dados PostgreSQL

```
$ /usr/local/pgsql/bin/postmaster -D /usr/local/pgsql/data >logfile z>&1 &
```

```
[postgres@localhost ~]# /usr/local/pgsql/bin/postmaster -D /usr/local/pgsql/data
>logfile 2>&1 &
[1] 9344
[postgres@localhost ~]# _
```

#Criar Arquivo de inicialização

```
$ vim /usr/lib/systemd/system/postgresql.service
```

```
postgres@localhost:/var/lib/psql96/bin
[root@localhost bin]# vim /usr/lib/systemd/system/postgresql.service
```

#Adicione as seguintes linhas no arquivo :

[Unit]

Description=Postgresql-9.6 Service

After=syslog.target systemd-user-sessions.service

[Service]

User=postgres

Group=postgres

Type=forking

TimeoutSec=120

ExecStart=/var/lib/pgsql96/bin/pg_ctl -D /opt/pgdata -l /opt/pgdata/startup.log start

ExecStop=/var/lib/pgsql96/bin/pg_ctl -D /opt/pgdata -l /opt/pgdata/startup.log stop

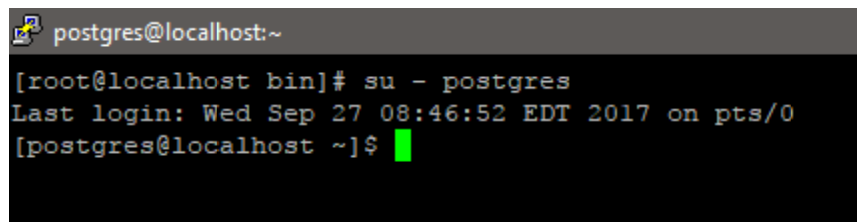
ExecReload=/var/lib/pgsql96/bin/pg_ctl -D /opt/pgdata -l /opt/pgdata/startup.log reload

[Install]

WantedBy=multi-user.target

Troque de usuário:

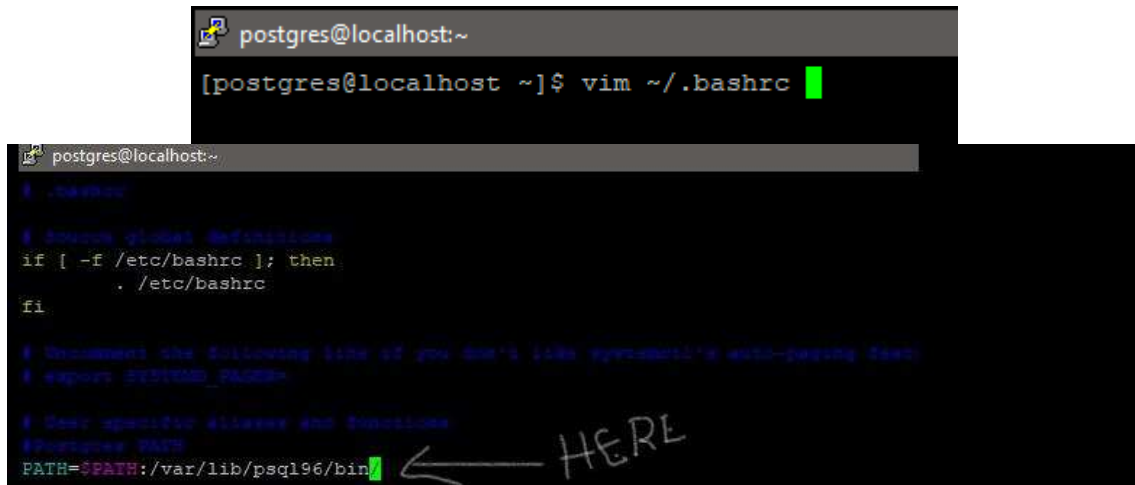
\$ su - postgres



```
postgres@localhost:~  
[root@localhost bin]# su - postgres  
Last login: Wed Sep 27 08:46:52 EDT 2017 on pts/0  
[postgres@localhost ~]$
```

#Adicione PATH do Postgres

```
$ vim ~/.bashrc
```



```
postgres@localhost:~  
[postgres@localhost ~]$ vim ~/.bashrc  
.  
# Source global definitions  
if [ -f /etc/bashrc ]; then  
    . /etc/bashrc  
fi  
# Uncomment the following line if you don't like spaces in your PATH  
# export PATH=$PATH:  
# Source specific aliases and functions  
#Postgres PATH  
PATH=$PATH:/var/lib/psql96/bin/ ← HERE
```

#Iniciar Banco de Dados

#Editando arquivo postgresql.conf através do caminho:

```
$ cd /opt/pgdata
```

```
$ nano postgresql.conf
```

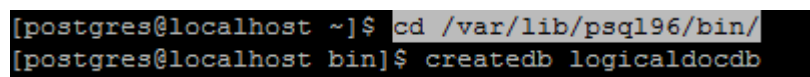
#Desça até a linha `#listen_addresses = 'localhost'` e descomente a linha e mude o `localhost` por `*` (asterisco);

#Desça até a linha `#password_encryption = on` e descomente a linha, feche e salve.

#Criando banco de dados do Logicaldoc com os comandos abaixo (usando o usuário **postgres**):

```
$ cd /var/lib/psql96/bin/
```

```
$ createdb logicaldocdb
```



```
[postgres@localhost ~]$ cd /var/lib/psql96/bin/  
[postgres@localhost bin]$ createdb logicaldocdb
```

#Após criada a db vamos logar nela para fazermos as alterações que o serviço irá usar com o seguinte comando:

\$ psql logicaldocdb

```
[postgres@localhost bin]$ psql logicaldocdb
psql (9.6.5)
Type "help" for help.

logicaldocdb=#
```

#Após logar no BD iremos criar tudo necessário para o serviço:

create role logicaldocgroup inherit;

Pressione Enter

create role logicaldocservice login noinherit;

Pressione Enter

grant logicaldocgroup to logicaldocservice;

Pressione Enter

alter user logicaldocservice with encrypted password 'logicaldocpassword';

Pressione Enter

alter database logicaldocdb owner to logicaldocgroup;

Pressione Enter

```
logicaldocdb=# create role logicaldocgroup inherit;
CREATE ROLE
logicaldocdb=# create role logicaldocservice login noinherit;
CREATE ROLE
logicaldocdb=# grant logicaldocgroup to logicaldocservice;
GRANT ROLE
logicaldocdb=# alter user logicaldocservice with encrypted password 'LogicaldocP
ALTER ROLE
logicaldocdb=# alter database logicaldocdb owner to logicaldocgroup;
ALTER DATABASE
```

#No final apenas colocar :

\$ \q

```
logicaldocdb=# \q
```

#Para sair e continuar a instalação dos outros serviços.

3) Instalação do ImageMagick para manipulação das imagens

```
$ wget https://github.com/ImageMagick/ImageMagick/archive/master.zip  
[root@localhost Arquivos]# wget https://github.com/ImageMagick/ImageMagick/archive/master.zip
```

#A seguir iremos descompactar e instalar o app(lembrando que os comandos devem ser executados na pasta onde foi baixado)

```
$ unzip master.zip
```

```
$ cd ImageMagick-master
```

```
$ ./configure
```

```
$ make
```

```
$ make install
```

#Após todos os comandos termos ter compilado e instalado o ImageMagick, (segundo a documentação do logicialdoc não necessário fazer configuração)

4) Agora iremos instalar o Ghostscript

```
$ wget https://github.com/ArtifexSoftware/ghostpdl-downloads/releases/download/gs922/ghostscript-9.22.tar.gz  
[root@localhost Arquivos]# wget https://github.com/ArtifexSoftware/ghostpdl-downloads/releases/download/gs922/ghostscript-9.22.tar.gz
```

#após baixado fazer o mesmo esquema do anterior

```
$ tar -zxvf ghostscript-9.22.tar.gz
```

```
$ cd ghostscript-9.22
```

```
$ ./configure
```

```
$ make
```

```
$ make install
```

5) Agora instalaremos o PDFtoHTML

```
$ wget http://www.logicaldoc.net/files/xpdfbin-linux-3.04.tar.gz
```

#após baixado fazer os comandos abaixo

```
$ tar -zxvf xpdfbin-linux-3.04.tar.gz
```

```
$ cp xpdfbin-linux-3.04/bin64/pdfhtml /usr/bin/
```

6) Agora instalaremos o openssl:

```
$ wget https://github.com/openssl/openssl/archive/master.zip
```

#após baixado fazer os comandos abaixo:

```
$ unzip master.zip
```

```
$ cd openssl-master
```

```
$ ./config (esse é diferente)
```

```
$ make
```

```
$ make install
```

7) Agora instalaremos o Tesseract, mas antes de tudo instalar as dependências que necessitará para compilar:

```
$ yum install libjpeg-devel libpng-devel libtiff-devel zlib-devel gcc gcc-c++ make
```

7.1)

```
$ wget http://www.leptonica.com/source/leptonlib-1.67.tar.gz
```

```
$ tar -zxvf leptonlib-1.67.tar.gz
```

```
$ cd leptonlib-1.67
```

```
$ ./configure
```

```
$ make
```

```
$ make install
```

7.2)

```
$ wget https://github.com/tesseract-ocr/tesseract/archive/3.05.00.tar.gz
```

```
$ tar -zxvf tesseract-3.00.tar.gz
```

```
$ cd tesseract-3.00
```

```
$ ./autogen.sh
```

```
$ ./configure
```

```
$ make
```

```
$ make install
```

#Após todos os comandos, exportar os arquivos necessários

```
$ export LD_LIBRARY_PATH=/usr/local/lib
```

8) Agora vamos instalar o antivírus Clamav:

```
$ wget https://www.clamav.net/downloads/production/clamav-0.99.2.tar.gz
```

```
$ tar -zxvf clamav-0.99.2.tar.gz
```

```
$ cd clamav-0.99.2
```

```
$ ./configure
```

```
$ make
```

```
$ make install
```

9) Agora instalaremos o tão esperado LogicalDOC

#Iremos baixar os pacotes do site através do comando:

```
$ wget https://s3.amazonaws.com/logicaldoc-dist/logicaldoc/installers/logicaldoc-installer-7.7.2.zip
```

#Agora vamos descompactar:

```
$ unzip logicaldoc-installer-7.7.2.zip
```

#Após descompactar, entrar na pasta e executar o comando (antes de executar o comando, verificar se o java está instalado, se não, usar o comando:

“\$ yum install java”) :

```
$ java -jar logicaldoc-installer.jar
```

#Após esse comando irá aparecer algumas informações na tela que deverão ser seguidas de acordo com as imagens, que será a sequência de informações para correta configuração do logicaldoc de acordo com os caminhos e instalações de suas dependências:

```
[root@localhost logical]# java -jar logicaldoc-installer.jar
Logging initialized at level 'INFO'
Commandline arguments:
Detected platform: linux,version=3.10.0-693.2.2.el7.x86_64,arch=x64,symbolicName=
=null,javaVersion=1.8.0_144
Select your language
0 [x] eng
1 [ ] ita
2 [ ] spa
3 [ ] fra
4 [ ] deu
Input selection:
0
```

Welcome

Welcome to the installation of LogicalDOC 7.7.2!
This software is developed by:
- LogicalDOC <support@logicaldoc.com>
The homepage is at: <https://www.logicaldoc.com>
Press 1 to continue, 2 to quit, 3 to redisplay

GENERAL

This Agreement is binding on the Company as well as its employees, employers, contractors and agents, and on any successors and assignees. Neither the Software nor any information derived therefrom may be exported except in accordance with the laws of Italy or other applicable provisions. This Agreement is governed by the laws of Italy. This Agreement is the entire agreement between LD and the Company and the Company agrees that LD will not have any liability for any untrue statement or representation made by it, its agents or anyone else (whether innocently or negligently) upon which the Company relied upon entering this Agreement, unless such untrue statement or representation was made fraudulently. This Agreement supersedes any other understandings or agreements, including, but not limited to, advertising, with respect to the Software. If any provision of this Agreement is deemed invalid or unenforceable by any country or government agency having jurisdiction, that particular provision will be deemed modified to the extent necessary to make the provision valid and enforceable, and the remaining provisions will remain in full force and effect. The original of this Agreement has been written in English, and that version will govern.

Press 1 to accept, 2 to reject, 3 to redisplay

Select target path [/LogicalDOC]
/LogicalDOC

Select Installation Packages

Select the packs you want to install:

☒ Pack 'Base' required
Done!

Press 1 to continue, 2 to quit, 3 to redisplay

1

Installation

[Starting to unpack]
[Processing package: Base (1/1)]

User Data

Registration

Activation Code []

123

Name []

LUIZ RICARDO

Organization []

UEG

Email []

luiz-ricardo_oliveira@hotmail.com

Web site []

www.ueg.com.br

Press 1 to continue, 2 to quit, 3 to redisplay

Database

Engine

0 ☒ MySQL (suggested choice for production)

1 ☐ Oracle

2 ☐ SQL Server

3 ☐ PostgreSQL

4 ☐ Embedded (for trial only, not for production)

Input selection:

3

Press 1 to continue, 2 to quit, 3 to redisplay

User Data

Database

Username [postgres]
postgres

Password

Server name/IP [192.168.15.100]
192.168.15.100

Server port [5432]
5432

Database [logicaldocdb]
logicaldocdb

Instance [/]
/

[x] Manual specification of the database connection URL
Enter 1 to select, 0 to deselect:
0

Press 1 to continue, 2 to quit, 3 to redisplay
1

User Data

Application Server

HTTP Port [8080]
8080

HTTPS Port [8443]
8443

Shutdown Port [9005]
9005

Architecture
0 [x] 32bit
1 [] 64bit
Input selection:
1

Max. memory(MB) [1300]
1300

Press 1 to continue, 2 to quit, 3 to redisplay

█

```
User Data

Paths of External Applications

OpenOffice [/opt/openoffice4]
/opt/openoffice4

Imagemagick convert [/usr/bin/convert]
/usr/bin/convert

Ghostscript [/usr/bin/gs]
/usr/bin/gs

Tesseract [/usr/local/bin/tesseract]
/usr/local/bin/tesseract

Clamscan [/usr/bin/clamscan]
/usr/bin/clamscan

OpenSSL [/usr/bin/openssl]
/usr/bin/openssl

Keytool [/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.144-0.b01.e17_4.x86_64/jre/bin/keytool]
/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.144-0.b01.e17_4.x86_64/jre/bin/keytool

Pdftohtml [/usr/bin/pdftohtml]
/usr/bin/pdftohtml

Press 1 to continue, 2 to quit, 3 to redisplay
█
```

#Após todas as informações preenchidas corretamente, a instalação irá ser finalizada.

#Agora iremos criar o serviço para inicialização (start), parada (stop) e reinicialização (restart) através dos comandos:

#Copiando arquivo de serviço para a pasta system:

```
$ cp /LogicalDOC/bin/logicaldoc.service /usr/lib/systemd/system
root@logicaldoc ~]#cp /LogicalDOC/bin/logicaldoc.service /usr/lib/systemd/system
```

#Habilitando e iniciando serviço de inicialização:

```
$ systemctl enable logicaldoc
```

```
$ systemctl restart logicaldoc
```

```
root@logicaldoc ~]#systemctl enable logicaldoc
root@logicaldoc ~]#systemctl restart logicaldoc █
```

#Copie o script de inicialização para o diretório de inicialização do sistema e execute o comando:

```
$ cp /LogicalDOC/bin/logicaldoc/etc/init.d
```

#Em seguida, edite o arquivo /etc/init.d/logicaldoc e ajuste as rotas.

#Salve o arquivo e execute os comandos:

```
$ chkconfig --add logicaldoc
```

```
root@logicaldoc ~]#chkconfig --add logicaldoc
```

```
$ /etc/init.d/logicaldoc start
```

```
root@logicaldoc ~]#/etc/init.d/logicaldoc start
```

#Assim terminando as configurações dentro do servidor.

10) Agora iremos ir para o que realmente interessa, a execução do LogicalDOC através do navegador, só que antes verificar se todos os serviços estão funcionando perfeitamente.

```
1º $ service postgresql status
```

```
[root@localhost ~]# service postgresql status
Redirecting to /bin/systemctl status postgresql.service
● postgresql.service - PostgreSQL-9.6 Service
   Loaded: loaded (/usr/lib/systemd/system/postgresql.service; disabled; vendor preset: disabled)
   Active: active (running) since Sex 2017-10-06 12:36:51 -03; 1h 14min ago
     Process: 1323 ExecStart=/var/lib/pgsql96/bin/pg_ctl -D /opt/pgdata -l /opt/pgdata/startup.log start (code=exited, status=0/SUCCESS)
    Main PID: 1325 (postgres)
      CGroup: /system.slice/postgresql.service
              └─1325 /var/lib/pgsql96/bin/postgres -D /opt/pgdata
                 1412 postgres: checkpoint process
                 1413 postgres: writer process
                 1414 postgres: wal writer process
                 1415 postgres: autovacuum launcher process
                 1416 postgres: stats collector process
                 2235 postgres: postgres logicaldocdb 192.168.15.100(58344) idle
                 2236 postgres: postgres logicaldocdb 192.168.15.100(58346) idle
                 2237 postgres: postgres logicaldocdb 192.168.15.100(58348) idle
                 2238 postgres: postgres logicaldocdb 192.168.15.100(58350) idle
                 2239 postgres: postgres logicaldocdb 192.168.15.100(58352) idle
                 2386 postgres: postgres logicaldocdb 192.168.15.100(58366) idle

Out 06 12:36:51 localhost.localdomain systemd[1]: Starting PostgreSQL-9.6 Ser...
Out 06 12:36:51 localhost.localdomain pg_ctl[1323]: pg_ctl: another server mi...
Out 06 12:36:51 localhost.localdomain systemd[1]: Started PostgreSQL-9.6 Serv...
Hint: Some lines were ellipsized, use -l to show in full.
```

(verificado e funcionando perfeitamente)

2º \$ service logicaldoc status

```
[root@localhost ~]# service logicaldoc status
/etc/init.d/logicaldoc: line 10: Default-Start:: command not found
/etc/init.d/logicaldoc: line 11: Default-Stop:: command not found
Using CATALINA_BASE:   /LogicalDOC/tomcat
Using CATALINA_HOME:   /LogicalDOC/tomcat
Using CATALINA_TMPDIR: /LogicalDOC/tomcat/temp
Using JRE_HOME:        /
Using CLASSPATH:        /LogicalDOC/tomcat/bin/bootstrap.jar:/LogicalDOC/tomcat/bin/tomcat-juli.jar
Using CATALINA_PID:     /LogicalDOC/bin/pid
Usage: catalina.sh ( commands ... )
commands:
 debug          Start Catalina in a debugger
 debug -security Debug Catalina with a security manager
 jpda start     Start Catalina under JPDA debugger
 run            Start Catalina in the current window
 run -security  Start in the current window with security manager
 start          Start Catalina in a separate window
 start -security Start in a separate window with security manager
 stop           Stop Catalina, waiting up to 5 seconds for the process to end
 stop n         Stop Catalina, waiting up to n seconds for the process to end
 stop -force    Stop Catalina, wait up to 5 seconds and then use kill -KILL if still running
 stop n -force  Stop Catalina, wait up to n seconds and then use kill -KILL if still running
 configtest     Run a basic syntax check on server.xml - check exit code for result
 version        What version of tomcat are you running?
Note: Waiting for the process to end and use of the -force option require that $CATALINA_PID is defined
```

(verificado e funcionando perfeitamente)

#Agora iremos abrir a página do LogicalDOC através do navegador

LogicalDOC Enterprise trial 7.7.2

LogicalDOC
DOCUMENT MANAGEMENT SYSTEM

utilizador

palavra-passe

português (Brasil) ▼

☐ Lembrar-me

Entrar

[Lost your password?](#)

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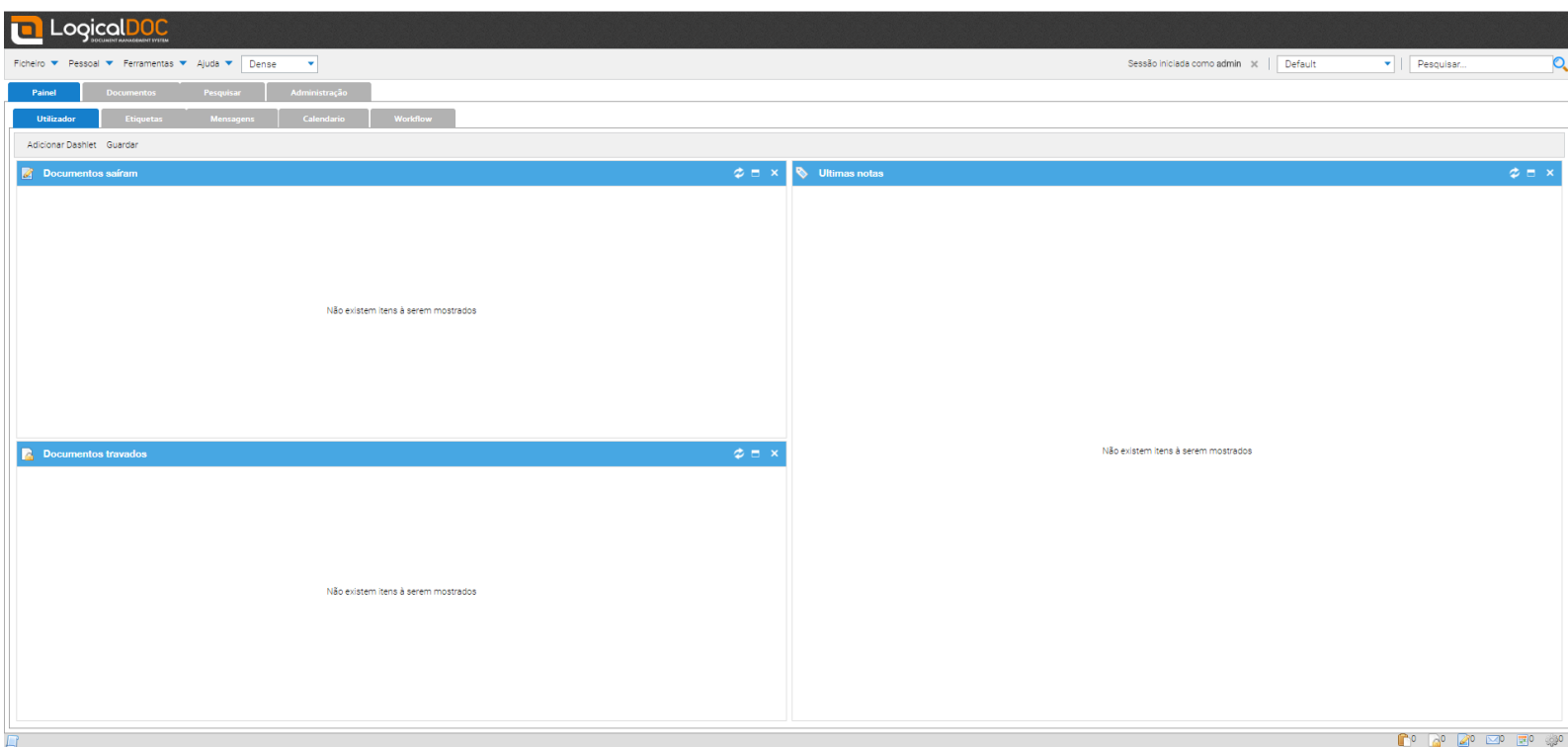
⚠ [A licença irá expirar em 30 dias](#)

⚠ [O suporte vai expirar em 30 dias](#)

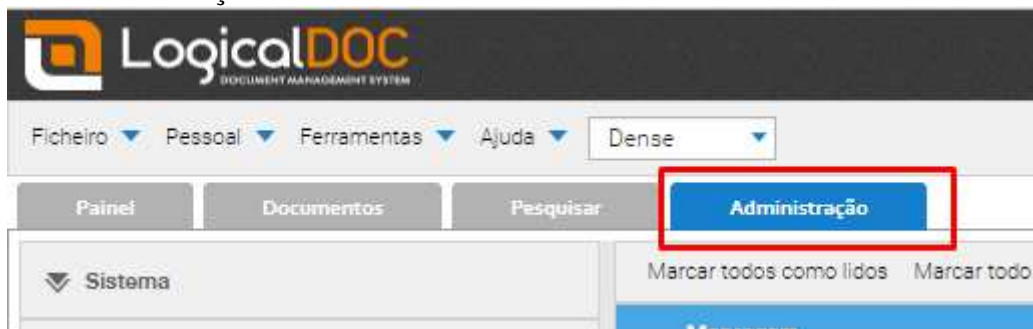
[View the mobile web version](#)

#obs.: antes de tudo, o software deverá ser ativado, conseguindo o código através do site da fabricante pelo link <https://www.logicaldoc.com/pt/free-trial>, preenchendo os dados para liberação gratuita durante 30 dias.

#Após ativado, será pedido um usuário e senha, que já possui predeterminado como “admin” “admin”



#Agora iremos configurar as dependências para melhor funcionamento do serviço na aba “Administração”



Ativação do antivírus ClamAV

Panel Documentos Pesquisar **Administração** 1

Sistema

Segurança 2

Utilizadores

Grupos

Segurança

Antivírus 3

Autenticação externa

Antivírus

Activado: ☒ Sim 4 ☐ Não

ClamAV: /usr/bin/clamscan

Incluir: *.exe,*.com,*.pif,*.scr,*.dll

Excluir: *.tif,*.tiff,*.jpg,*.jpeg,*.png,*.bmp,*.gif,*.txt,*.iso

Tempo esgotado: 0 Segundos

Guardar 5

ENCERRADO