

"Çàâîäèì" Web-êàìåðû à ýäðå linux 2.6.27 openSUSE 11.1

Đàçääë : Ñèñòåìà. Àäìèíèñòðèðîâàìèå

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Ñòàòüÿ ïíäâîòîâëåíà äëÿ òåõ ó êîâî â openSUSE 11.1 íÅ ĐÀÁÎÒÀÞÓ ÄÐÀÉÂÄÐÀ ÄËß ÊÀÌÄÐ!
Ííäðîâíñòè è íðåëëñòîðèÿ íà ôîðóìå(ññûëåà íðèâåäåíà áíèçó ñòàòüè)

Â äïàøíåé íäïéå ïíëüçâàòåëÿ åñòü 2 ôàéëèéà (íå çíàþ êàééíè èç íèõ ïíâëèÿ, íî òåì íå ìåíåå áñå
çàðàáîòàëî.. JMF íå óñïäë íðîâåðèòü åùå) - .bashrc è .profile
â êíîåö íáîòô òàéëèíà íóæíî íðèëèñàòü
export LD_PRELOAD=/usr/lib/libv4l/v4l1compat.so
è íäðåëëíèòüñÿ.

Øíäää áñå áûøäåðå÷èñëåííûå íðîâðàììû èç ñïèñêà ðàáîòàþùèõ ñ áèáèëèòåêîé libv4l áóäóò
ðàáîòàòü áåç äïïëíèòåëüííàí ðàáîòàòü áàéäå íðàâèè çàïóñêíûò ôàéëèíà ýòèõ íðîâðàìì.

Òâñòèðîâàìèå íà Java Media Framework 2.1.1e íðîøëî óñïàðøí! êàìåðà óâèäåäåñü è äàåò äåéàòü
ñíèìè!

âîò êàé íàäî íàñòðèâàòü:

0) íðîâåëàòü ïíèñàííå áûøå.

- 1) ñêà÷àòü èç ñåòè RPM íàéåò "jmf-2_1_1e-linux-i586.bin" (ñòàâèì ðóêàìè èëè èç íåíåäæåðà
íàéåòîâ) èëè æå ñàïïòñòàíåëèåàþùèéñÿ áèíàðíèè jdk-1_5_0_10-linux-i586-rpm.bin (â ýòî
ñëó÷åå óñòàííâà èç ñêðèòà)
- 2) ïäéëþ÷èòü ðåïçèòàðéé NON-OSS èëè äðóåíè ñ íñëåäåíåé Java ìò SUN (íîéà ó ìåíÿ
1.6update10), íæíî òàéæå íàéòè â update-ðåïçèòàðèè.
- 3) çàïóñòèòü ñêðèò new_set_vebkam_suse.sh:

```
#!/bin/bash
```

```
#Óñòàííâà äðàéååðà êàìåðû -- à ÑÓÑÅ íå äåéàåì, äðîâà êàìåðû åñòü â ðåïçèòàðèÿ!
```

```
#Äëÿ áåðñèè ýäðà 2.6.27 áñå óæå áñòü â ñàïíî ýäðå
```

```
if [ $WHO != "root" ]; then
```

```
echo -e 'E[31;44m'
```

```
echo -e 'E[1m FATAL !! you must be root to run this scriptE[0m'
```

```
exit 1
```

```
fi
```

```
echo -e 'E[1;33;44m'
```

```
echo -n "Connect web-camera to PC"
```

```
read asd
```

```
#ñòàâèì gqcam + xawtv ñ çàâèñèíñòÿè
```

```
zypper install gqcam
```

```

zypper install xawtv

#ïðåäääëÿäì ãää êàìåðà
xawtv -hwscan

echo -n "See web-camera and port to PC"
read asd

#Óñòàïâèà java, jmf è ïëàãèà äëÿ áðàóçåðà
#äðàéâåðà êàìåðû äîëæíû áûòü óæå óñòàïâëåíû

#Çàïóñêàòü íä rootî
#â êàòàëîää åîëæíû éäæàòü
#jmf-2_1_1e-linux-i586.bin
#testvcam.jar

#óääëÿäì íäïðåâëëüíþ ýâó
zypper remove java-1_6_0-openjdk*
zypper remove java-1_5_0-sun*

#Ñòàâèì äðóäóþ :) -- íå ñòàâèì -
#â ñõñå àïäääëòåô èëè â NON-OSS èääò õïðîøàÿ ýâà - çàðàíåå íäëëþ÷èòå ðåïïçèòàðèé!
zypper install java-1_6_0-sun +java-1_6_0-sunalsa +java-1_6_0-sun-plugin
#âåðñëÿ ýâû - ðàëè èíòåðåñà åñòü ëè íà áîñáùå. äîëæíà áûòü íå íèæå 1.6.0_10
java -version

#äëÿ java-ïðèëîæåíèé ðóññêèå áóêåû
echo > /usr/share/X11/locale/microsoft-cp1251/Compose

#ïëàãèí - èñïðàâëåíî íà óíèâåðñàëëüíûå íóòè (FIREFOX 3)
In -s /usr/lib/jvm/jre/plugin/i386/ns7/libjavaplugin_oji.so
/usr/lib/firefox/components/libjavaplugin_oji.so

#ðàçðåøàåì çàïóñê
chmod +x jmf-2_1_1e-linux-i586.bin

#ñòàâèì jmf - ëèñòàåì íðîáåëî, íà áñå áîïðîñû îòåå÷àåì yes
./jmf-2_1_1e-linux-i586.bin
#éñïèðóåì íàäèà ôðàìâåðê â ïàïéó ñ òåêóùåé ýâé. íñëå íåðåñòàïâëè ýâû íâòîðèòü!
cp -R ./JMF-2.1.1e /usr/lib/jvm/jre

#ïðíèñûâàåì íóòè, íòî íàäî ýòè 4 ñòðîè
#äîâàâèòü â ~/.bashrc ~/.profile !!! äëÿ êàæäîå íëüçîâàðåëÿ èíàëåèäóàëüí !
export JDKHOME=/usr/lib/jvm/jre
export JMFHOME=$JDKHOME/JMF-2.1.1e
export LD_LIBRARY_PATH=$JMFHOME/lib:$LD_LIBRARY_PATH
export CLASSPATH=$JMFHOME/lib:$JMFHOME/lib/jmf.jar:$CLASSPATH

echo 'export JDKHOME=/usr/lib/jvm/jre' | tee -a /home/user/.profile

```

```

echo 'export JMFHOME=$JDKHOME/JMF-2.1.1e' | tee -a /home/user/.profile
echo 'export LD_LIBRARY_PATH=$JMFHOME/lib:$LD_LIBRARY_PATH' | tee -a
/home/user/.profile
echo 'export CLASSPATH=$JMFHOME/lib:$JMFHOME/lib/jmf.jar:$CLASSPATH' | tee -a
/home/user/.profile

echo 'export JDKHOME=/usr/lib/jvm/jre' | tee -a /home/user/.bashrc
echo 'export JMFHOME=$JDKHOME/JMF-2.1.1e' | tee -a /home/user/.bashrc
echo 'export LD_LIBRARY_PATH=$JMFHOME/lib:$LD_LIBRARY_PATH' | tee -a
/home/user/.bashrc
echo 'export CLASSPATH=$JMFHOME/lib:$JMFHOME/lib/jmf.jar:$CLASSPATH' | tee -a
/home/user/.bashrc

echo '/usr/lib/jvm/jre/JMF-2.1.1e/lib' > /home/user/.jmfdi
#òóò ïðèñâàèâààì âéàëåëüöàì ôàééà ïïëüçîàòåëý è åãî åðóíïó - iñðàâèòü iñä ñåáý!
chown user:users /home/user/.jmfdi

#÷èñòèì âñå
rm -Rf ./JMF-2.1.1e

#äññééòåëüíí
cd /etc/ld.so.conf.d
touch jmf.conf
echo '/usr/lib/jvm/jre/JMF-2.1.1e/lib' > /etc/ld.so.conf.d/jmf.conf

#ðåäèñòðèðóàì êàìåðó - ååçää ìòåå÷ààì yes äää ñiðîñèò (åñèè ñiðîñèò)!!!
$JMFHOME/bin/jmfregistry

#êàìåðà â àïëåòàö â áðàóçåðå
cp $JMFHOME/lib/jmf.jar $JDKHOME/lib/ext/
ln -s $JMFHOME/lib/*.so $JDKHOME/lib/i386/

#òåñòèì - íå åñååäå ñðàáàòûåàò ïðÿíí èç ñeðëòà òàé êàé ïóòü ìíáíÿòëñý :(
#ñòàâèì ïðÿíí ïóòü è àïïåëòó testvcam.jar çàìåñòî /home/user/
#åñèè íå ìííàíëí - iñðîáóéòå iñòåñòèðîàòü êàìåðó iññéå òíäî êàé iåðåëîæíèòåñü
java -cp $JMFHOME/lib/jmf.jar:/home/user/testvcam.jar App

4) iåðåëîæíèòüñý è iñðåðèòü ðàáîòó êàìåðû â java
```

Íáñóæäåíèå íà ôîðóíà [ÇÄÅÑÜ](#)