

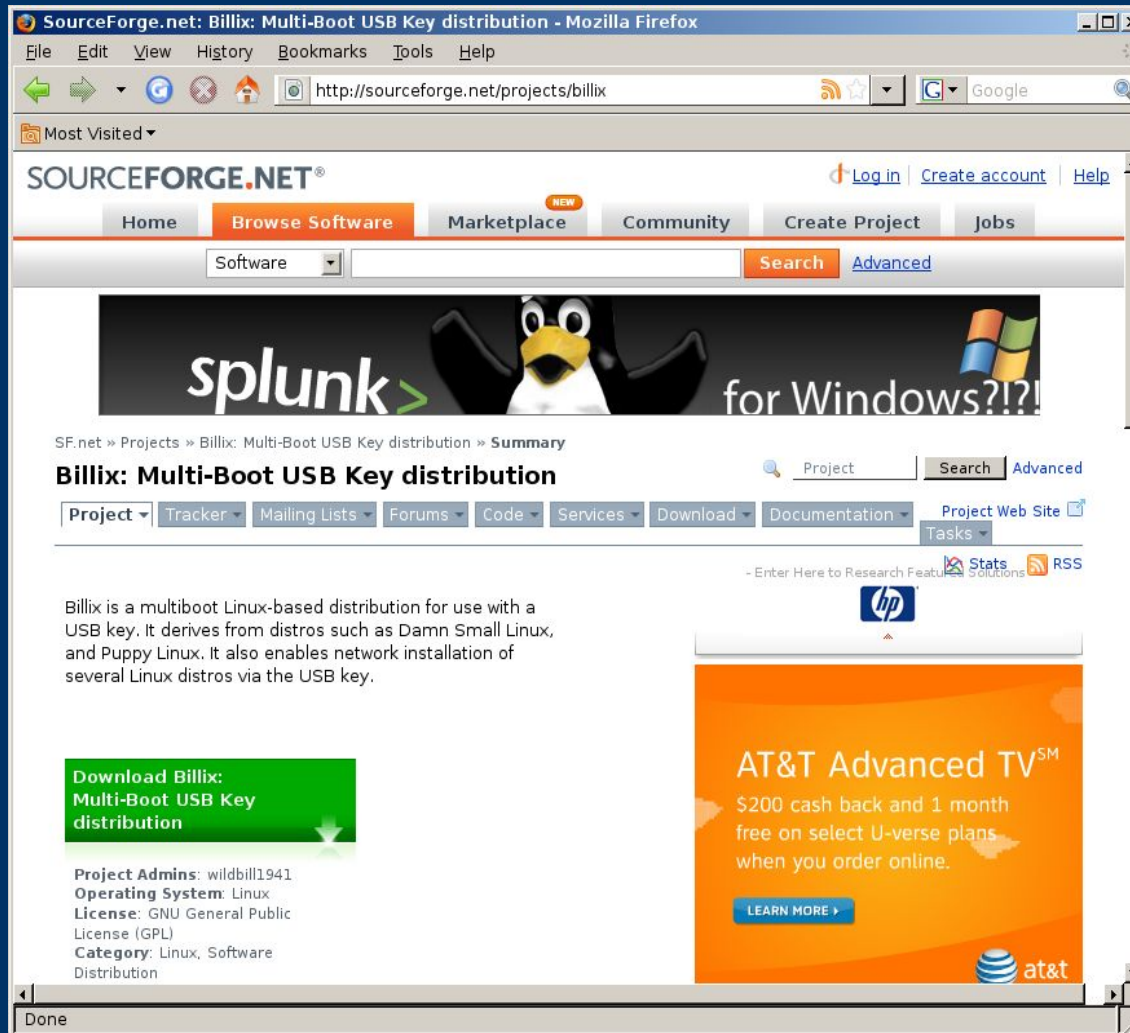
Billix: *A SYSADMIN'S SWISS ARMY KNIFE*

Turn that spare USB stick into a
sysadmin's dream with Billix.



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- The projects home is on sourceforge.net





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- On their download page they have 2 choices an ISO image and a tar.gz

The screenshot shows the SourceForge.net project page for Billix. The browser window title is "SourceForge.net: Files - Mozilla Firefox". The address bar shows the URL "http://sourceforge.net/project/showfiles.php?group_id=17942". The page has a menu bar (File, Edit, View, History, Bookmarks, Tools, Help) and a search bar with "Google".

Below the menu bar, there's a "Most Visited" section. The main content area features a table with the following data:

Package	Release	Date	Notes / Monitor	Downloads
Billix ISO version	0.23	July 7, 2008		Download
Billix USB version	0.23	July 7, 2008		Download

Below this table is a "File Releases" section. It contains a paragraph: "Below is a list of all files released by this project. Before downloading, you may want to read Release Notes. The current release for each package is shown."

There are two main sections for file releases:

Billix ISO version

Package	Release (date)	Filename	Size (bytes)	Downloads	Architecture	Type
Latest	0.23 (2008-07-07 18:56)	billix-0.23.iso.gz	114853571	0	i386	.iso
	0.22 (2008-06-22 21:15)					
	0.21 (2008-05-07 06:08)					

[View older releases from the Billix ISO version package »](#)

Billix USB version

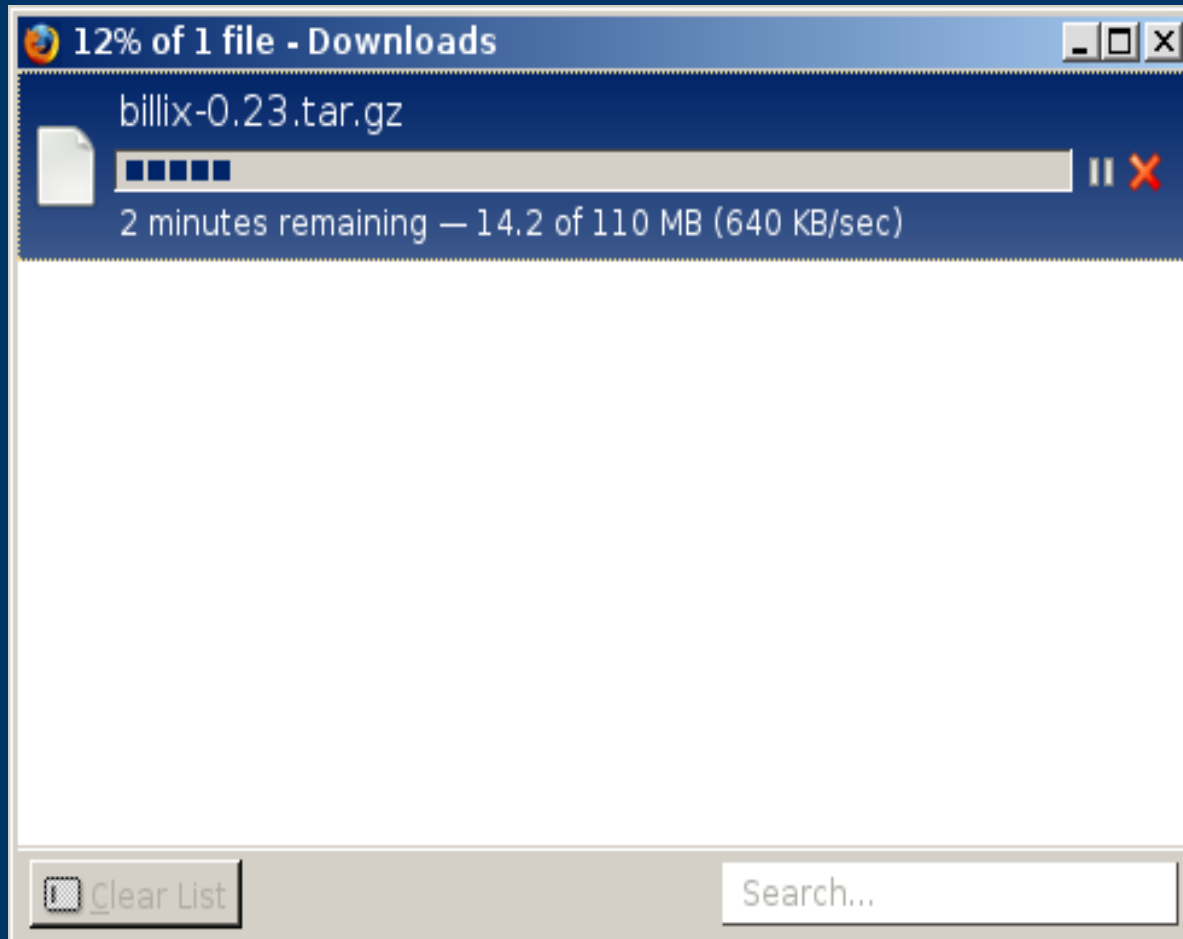
Package	Release (date)	Filename	Size (bytes)	Downloads	Architecture	Type
Latest	0.23 (2008-07-07 19:24)	billix-0.23.tar.gz	114847938	0	i386	.gz
	0.22 (2008-06-22 21:58)					
	0.21 (2008-05-07 06:10)					

[View older releases in the Billix USB version package »](#)

Totals: 20 20 2489233578 2707

At the bottom, there are links for "Diana", "Sponsor Links", and "Ads by Google". The status bar at the very bottom says "Done".

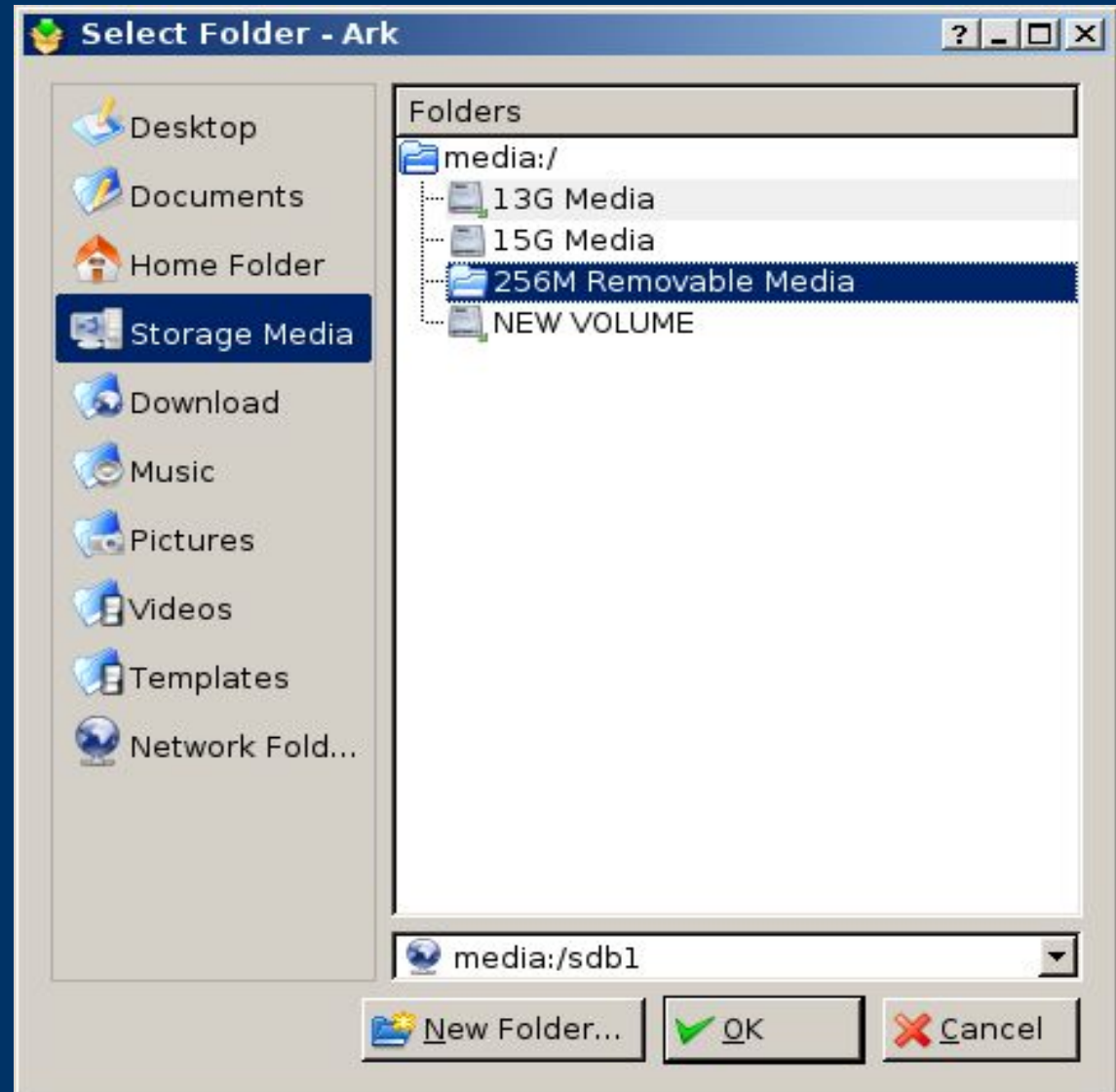
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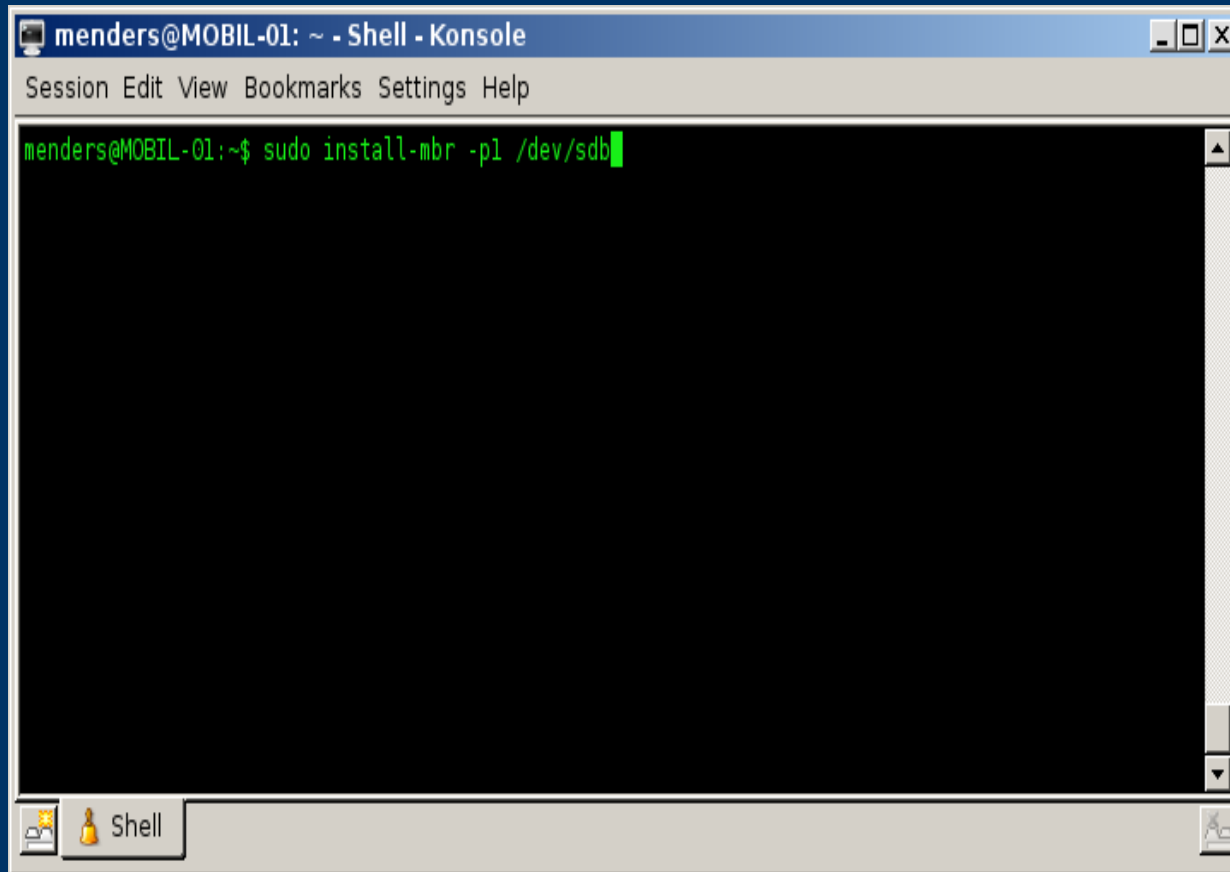
- The tar.gz is not that large and does not take very long to download.

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- Then just untar to the root directory of the USB drive you are going to use.



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The screenshot shows a terminal window titled "menders@MOBIL-01: ~ - Shell - Konsole". The window has a menu bar with "Session", "Edit", "View", "Bookmarks", "Settings", and "Help". The terminal content shows the command `menders@MOBIL-01:~$ sudo install-mbr -p1 /dev/sdb` being entered. The window has a standard Linux-style title bar with minimize, maximize, and close buttons. At the bottom, there is a taskbar with a "Shell" icon and a "Shell" label.

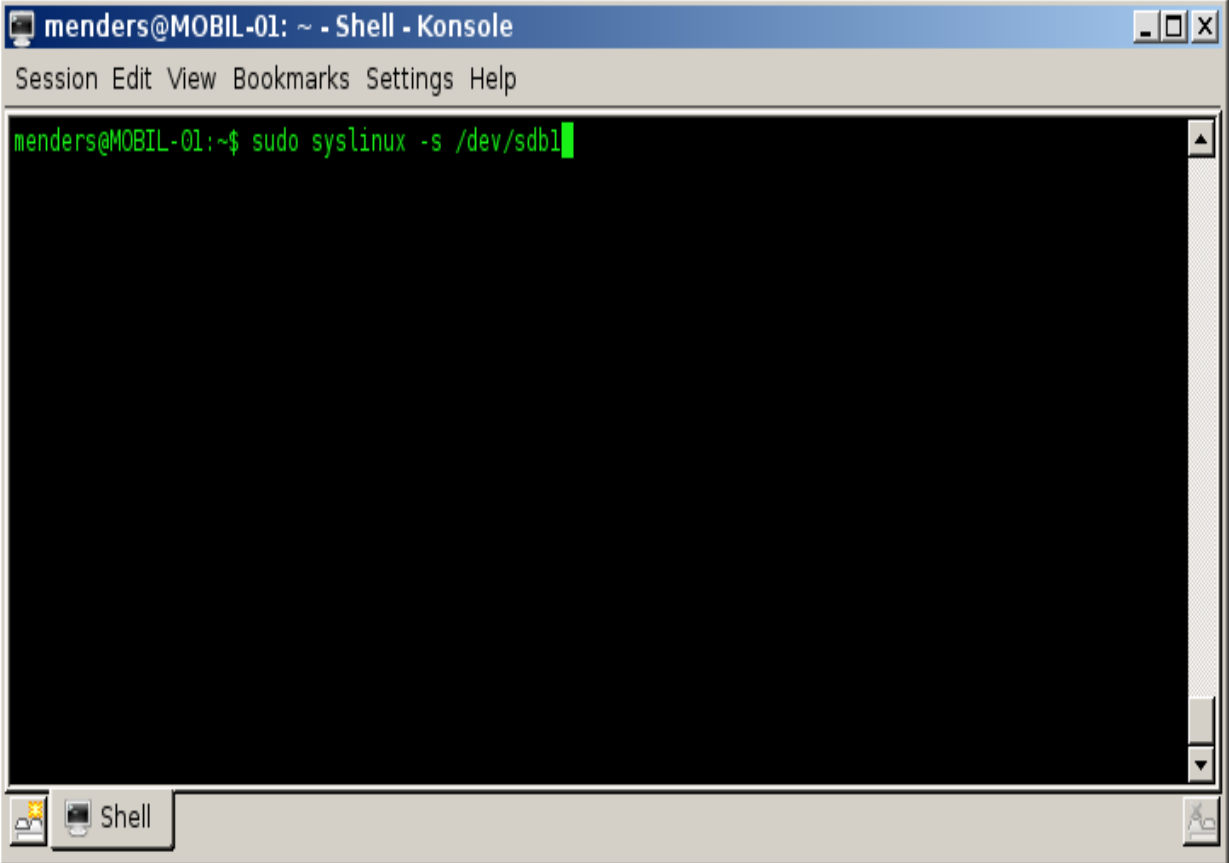
```
menders@MOBIL-01: ~ - Shell - Konsole
Session Edit View Bookmarks Settings Help

menders@MOBIL-01:~$ sudo install-mbr -p1 /dev/sdb
```

- Then you want to install an MBR on the thumb drive.

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- Then you need to install a boot sector in the first partition.



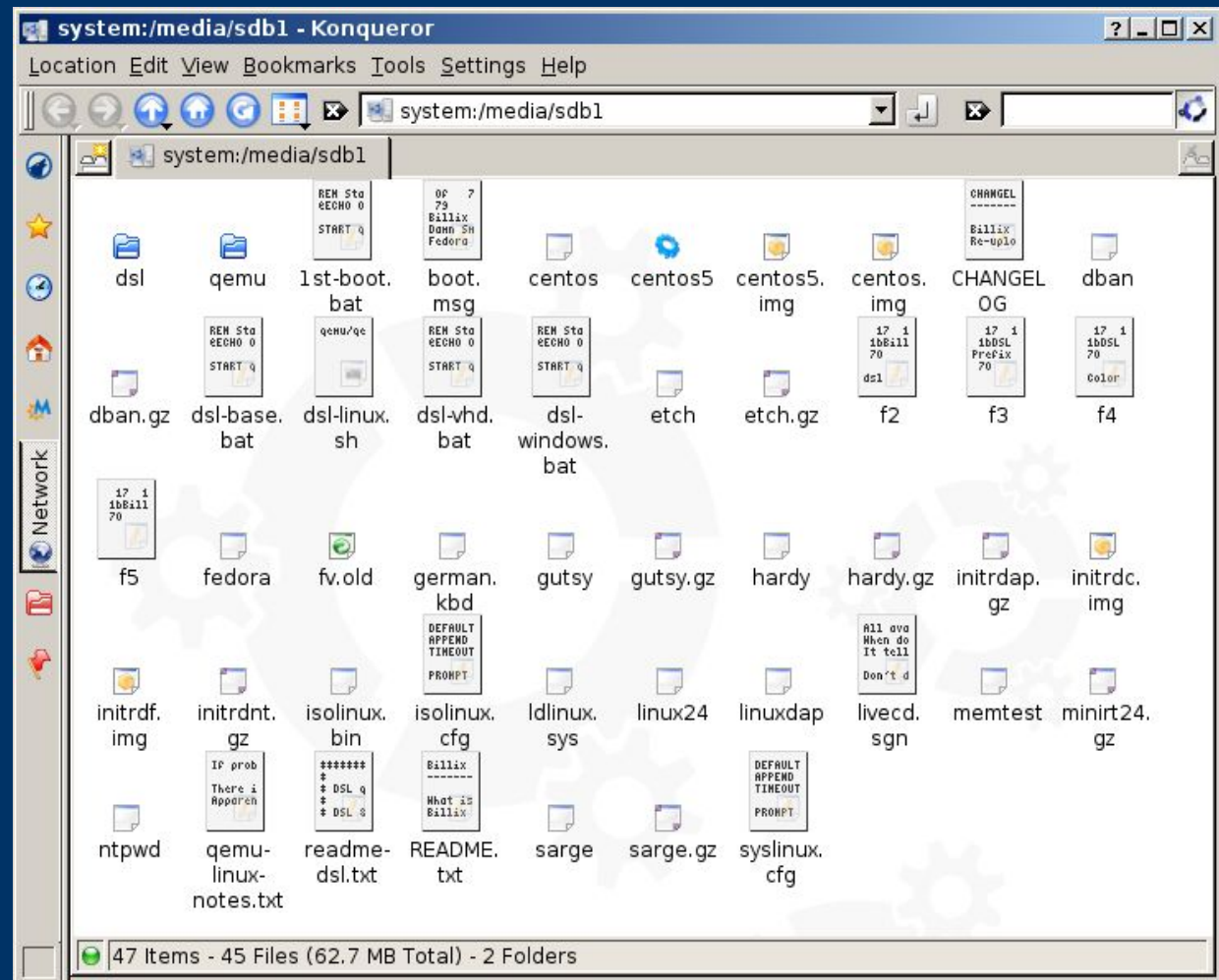
The screenshot shows a terminal window titled "menders@MOBIL-01: ~ - Shell - Konsole". The window has a menu bar with "Session Edit View Bookmarks Settings Help". The terminal content shows the command "menders@MOBIL-01:~\$ sudo syslinux -s /dev/sdb1" being entered. The window has a status bar at the bottom with a "Shell" tab and a "Konsole" icon.

```
menders@MOBIL-01: ~ - Shell - Konsole
Session Edit View Bookmarks Settings Help

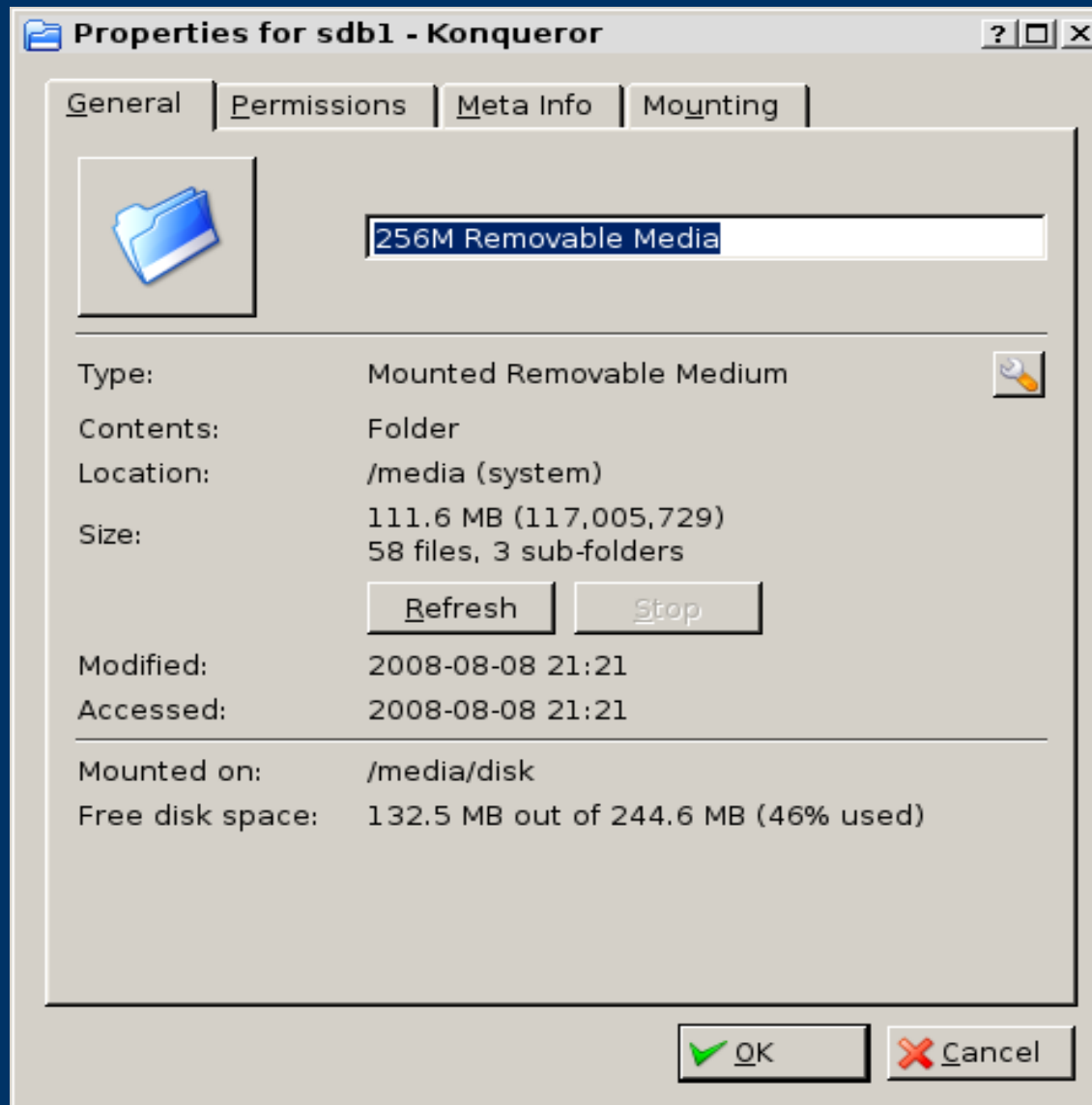
menders@MOBIL-01:~$ sudo syslinux -s /dev/sdb1
```

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- These are the files you will have on the drive when you are done.



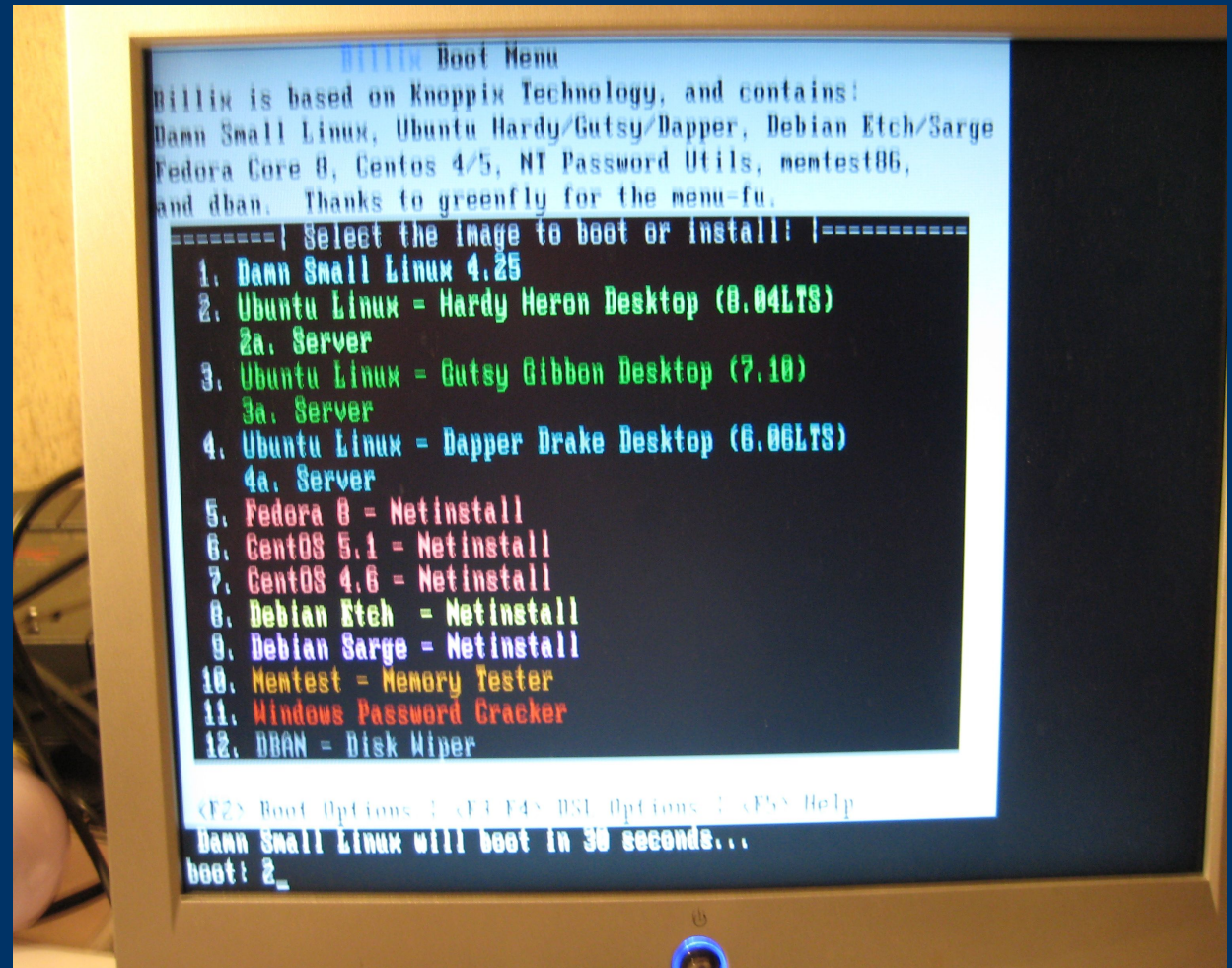
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- It does not take up that much space there is still room left on only a 256MB drive for file storage.

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- When you boot from the thumb drive you will get this boot menu.



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- You can run memtest 86.



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- You can run DBAN (Dariks Boot And Nuke).



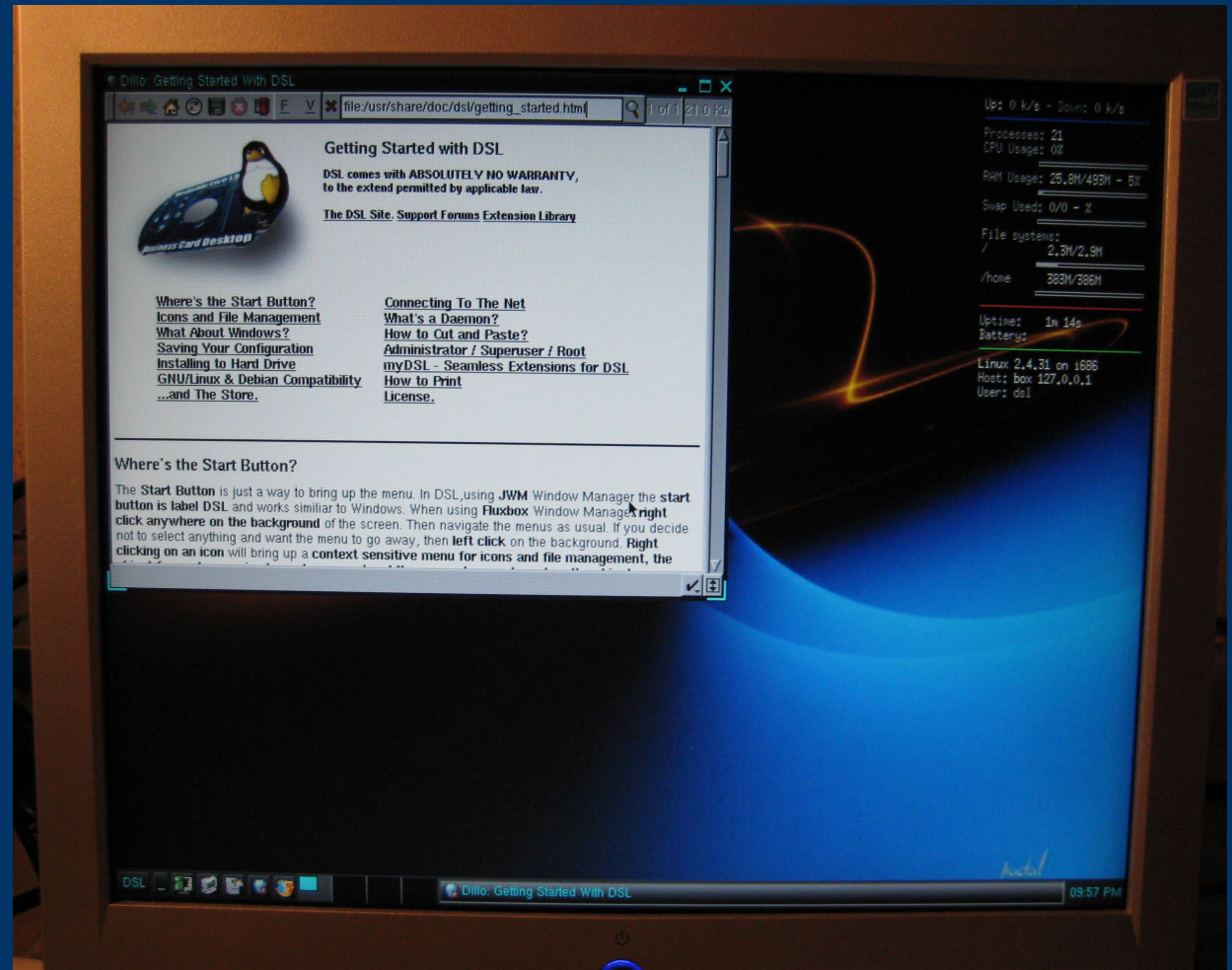
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- Run DSL (Damn Small Linux)

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- With the extra space on the drive it would be like carrying your computer around in your pocket.



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Resources for this presentation:

Linux Journal August 2008

<http://sourceforge.net/projects/billix>
