Which type of installation or system upgrade would you like?

○ **Basic Installation or Upgrade**
Installs on or upgrades with local storage devices. If you're not sure which option is right for you, this is probably it.

◉ **Advanced Installation or Upgrade to Specialized Storage Devices**
Installs to or upgrades with devices such as Storage Area Network (SAN) devices or mainframe attached disks (DASD), usually in an enterprise environment.

☑ Local Storage
☑ Fiber Channel
☑ iSCSI
☐ SAS
☐ DASD
☐ FCoE
☐ CCISS

[Back] [Next]

fedora™

Should be default selection. If chosen, scan for existing Linux installs

Ordering of interconnect types needs to be thought about. Maybe alphabetical is not the best. I tried to do in proximity order, with FCoE tacked on the end.

Only display for s390 installs.

Two possibilities: provide a flat list of all possible technologies, or have an intermediate step before this screen to scan for at least one of each tech with some reasonable timeout... and only show the detected techs here or show all but flag the detected ones.

Only scan for existing Linux installs if Basic selected. If advanced selected, scan AFTER user has chosen devices of interest.

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At least one existing installation has been detected on your system. What would you like to do?

○

◉

Fresh Installation

Choose this option to install a fresh copy of Fedora on your system. Existing software and data may be overwritten depending on your configuration choices.

Upgrade of an Existing Installation

Choose this option if you would like to upgrade your existing Fedora system. This option will preserve the existing data on your storage device(s).

Which Fedora installation would you like to upgrade?

Fedora 10 *(located at /dev/VolGroup00/LogVol00)*

⬆ **Back**

⬇ **Next**

The simple case.

fedora f ™

Please select both the drives you'd like to install the operating system on and any other drives you'd like to be automatically mounted to your system below:

	Device	∨	Capacity	Vendor	Product Name		Vendor	∨
☐								
☑	sda		40 GB	SanDisk, Inc.	SSD SATA			
☑	sdb		80 GB	Seagate	ST9160824AS			
☐	sdc		4 GB	Memorex	Mini TravelDrive			

Grey indicates default sort; sorting should be available on all cols

Menu to control showing/ hiding of additional columns.

Show Columns:
☑ Capacity
☑ Device
☑ Product Name
☐ Serial Number
☑ Vendor

💡 **Tip:** Selecting a drive on this screen does not necessarily mean it will be wiped by the installation process. Also, note that post-installation you may mount drives you did not select here by modifying your /etc/fstab file.

⬆ **Back**   ⬇ **Next**

The advanced case.

fedora ℱ™

Please select both the drives you'd like to install the operating system on and any other drives you'd like to be automatically mounted to your system below:

| Local Devices | BIOS RAID | Multipath Devices | Other SAN Devices | Search |

	Device ∨	Capacity	Vendor	Product Name
☑	**sda**	40 GB	SanDisk, Inc.	SSD SATA
☑	**sdb**	80 GB	Seagate	ST9160824AS
☐	**sdc**	4 GB	Memorex	Mini TravelDrive

Show Columns:
- ☑ Capacity
- ☑ Device
- ☑ Product Name
- ☐ Serial Number
- ☑ Vendor

Tip: Selecting a drive on this screen does not necessarily mean it will be wiped by the installation process. Also, note that post-installation you may mount drives you did not select here by modifying your /etc/fstab file.

⬆ Back   ⬇ Next

fedora **f** ™

Please select the drive(s) you'd like to include in this installation below:

Local Devices	BIOS RAID	Multipath Devices	Other SAN Devices	Search

	Device ∨	Capacity	RAID Level
☑	**md0**	40 GB	1
☑	**md2**	80 GB	1
☑	**md3**	40 GB	5

I have no idea if these are appropriate fields. What do you think?

⬆ **B**ack   ⬇ **N**ext

fedora **f** ™

Please select the drive(s) you'd like to include in this installation below:

| Local Devices | BIOS RAID | Multipath Devices | Other SAN Devices | Search |

Filter By: Vendor [⌄] Interconnect [⌄]

Show Only Devices From: All Vendors [⌄]

🎗 Clear All Filters

☑ Dev WWID

	Interconnect	Vendor	WWID

☑ ▼ mpath0   Fiber Channel   QLogic, Inc.   60:06... 37:2c:60:db:68

- **sdaf** (1:5:4)
- **sdag** (2:3:4)
- **sdah** (2:1:4)

☑ ▼ mpath1   iSCSI   EMC   42:bb:cc:11:0f:8c:07:ff:ef:32:b2:cd:f5:66:ba:01:99

☐ ▼ mpath2   Fiber Channel   HP   ff:ef:32:b2:cd:f5:66:ba:01:99:42:bb:cc:11:0f:8c:07

- **sdam** (1:3:7)
- **sdan** (1:4:7)
- **sdao** (2:2:7)

✖ Disable dmraid Device   ➕ Add iSCSI Target

⬆ **Back**   ⬇ **Next**

fedora *f* ™

Please select the drive(s) you'd like to include in this installation below:

Local Devices | BIOS RAID | Multipath Devices | Other SAN Devices | Search

Filter By: Interconnect ∨

Show Only Devices Using: Fiber Channel ∨

🔍 Clear All Filters

	Device	Vendor	Interconnect	WWID
☑	▼ mpath0	QLogic, Inc.	Fiber Channel	60:06:01:60:92:d2:18:00:70:37:62:87:2c:60:db:68
	sdaf (1:5:4)			
	sdag (2:3:4)			
	sdah (2:1:4)			
☐	▼ mpath2	HP	Fiber Channel	ff:ef:32:b2:cd:f5:66:ba:01:99:42:bb:cc:11:0f:8c:07
	sdam (1:3:7)			
	sdan (1:4:7)			
	sdao (2:2:7)			

✖ Disable dmraid Device   ➕ Add iSCSI Target

⬆ Back   ⬇ Next

fedora *f* ™

Please select the drive(s) you'd like to include in this installation below:

| Local Devices | BIOS RAID | Multipath Devices | Other SAN Devices | Search |

Filter By: WWID ∨ | Show WWIDs that Include: | | Go | 🧹 Clear All Filters |

	Device	Vendor	Interconnect	WWID
☑	▼ mpath0	QLogic, Inc.	Fiber Channel	60:06:01:60:92:d2:18:00:70:37:62:87:2c:60:db:68
	sdaf (1:5:4)			
	sdag (2:3:4)			
	sdah (2:1:4)			
☑	▼ mpath1	EMC	iSCSI	42:bb:cc:11:0f:8c:07:ff:ef:32:b2:cd:f5:66:ba:01:99
☐	▼ mpath2	HP	Fiber Channel	ff:ef:32:b2:cd:f5:66:ba:01:99:42:bb:cc:11:0f:8c:07
	sdam (1:3:7)			
	sdan (1:4:7)			
	sdao (2:2:7)			

❌ Disable dmraid Device   ➕ Add iSCSI Target

⬆ **Back**   ⬇ **Next**

The advanced case,
alternate method (tabs)

fedora f ™

Please select the drive(s) you'd like to include in this installation below:

Local Devices	BIOS RAID	Multipath Devices	Other SAN Devices	Search

Filter By: [WWID ∨] Show WWIDs that Include: [   ] Go 👆 Clear All Filters

Same filtering mechanism here as for multipath.

	Device	Vendor	Interconnect	WWID
☑	**sdak** (1:5:4)	QLogic, Inc.	Fiber Channel	60:06:01:60:92:d2:18:00:70:37:62:87:2c:60:db:68
☑	**sdam** (3:8:3)	EMC	iSCSI	42:bb:cc:11:0f:8c:07:ff:ef:32:b2:cd:f5:66:ba:01:99
☐	**sdap** (6:5:2)	HP	Fiber Channel	ff:ef:32:b2:cd:f5:66:ba:01:99:42:bb:cc:11:0f:8c:07

✕ Disable dmraid Device   ➕ Add iSCSI Target

⬆ Back   ⬇ Next

The advanced case, alternate method (tabs)

fedora f ™

Please select the drive(s) you'd like to include in this installation below:

Local Devices | BIOS RAID | Multipath Devices | Other SAN Devices | Search

Search by: Target WWID ∨   WWID: 60:06:01:60:92:d2:18:00:70:37:62:87:2c:60:db:11

🔍 Search   🧹 Clear

Search Results:

☐ mpath ∨	Port	Target	LUN	WWID	Vendor
☑ mpath0	1	8	5	60:06:01:60:92:d2:18:00:70:37:62:87:2c:60:db:11	QLogic
☐ mpath1	2	3	2	60:06:01:60:92:d2:18:00:70:37:62:87:2c:60:db:11	EMC
☐ mpath2	3	9	1	60:06:01:60:92:d2:18:00:70:37:62:87:2c:60:db:11	EMC

Show Columns:
☐ Capacity
☑ Device
☐ Interconnect
☑ LUN
☐ Port
☐ Product Name
☑ Target
☑ Vendor
☑ WWID

If you hit clear and there are items selected, the selected items stay, only the unselected search results stay. Also, any search form entries are cleared.

This menu is at 50% opacity so you can see the items underneath in the mockup. wouldn't be implemented like that, of course!

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fedora

Please select the drive(s) you'd like to include in this installation below:

Local Devices | **BIOS RAID** | **Multipath Devices** | **Other SAN Devices** | **Search**

Search by: Port / Target / LUN # ∨   Port: Any ∨   Target: 8   LUN #: 5   🔍 Search   🧹 Clear

Search Results:

	mpath ∨	Port	Target	LUN	WWID
☑	mpath0	1	8	5	e5:90:ca:67:9d:41:90:34:da:14:99:0b:aa:38:9a:8e
☐	mpath1	2	8	5	18:00:70:37:62:87:2c:60:db:68:60:06:01:60:92:d2
☐	mpath2	3	8	5	ff:ef:32:b2:cd:f5:66:ba:01:99:42:bb:cc:11:0f:8c:07

Show Columns:

| Vendor | ∨ |

- ☐ QLogic / Capacity
- ☑ EMC / Device
- ☐ EMC / Interconnect
- ☑ LUN
- ☑ Port
- ☐ Product Name
- ☑ Target
- ☑ Vendor
- ☑ WWID

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fedora™

Which type of installation would you like?

○ **Use Entire Drive**
Removes all partitions on the selected device(s). This includes partitions created by other operating systems.

⊘ **Tip:** This option will result of the removal of data from the selected disk(s). Make sure you have backups.

◉ **Replace Existing Linux System(s)**
Removes only Linux partitions (partitions created from a previous Linux installation). This does not remove other partitions you may have on your storage device(s) (such as VFAT or FAT32 partitions).

⊘ **Tip:** This option will result of the removal of data from the selected disk(s). Make sure you have backups.

○ **Shrink Current System**
Shrinks existing partitions to create free space for installation. (My guess at what it does, anyway.)

○ **Use Free Space**
Retains your current data and partitions and uses only the free space on the selected device(s), assuming you have enough free space available.

○ **Create Custom Layout**
Manually create your own custom layout on the selected device(s) using the disk partitioning tool.

Which storage device would you like to boot this installation from?

sda   40GB   SanDisk, Inc. SSD SATA   ‹

☑ Review and modify partitioning layout.

⬆ Back   ⬇ Next

[handwritten note] It might be nice to have a set of icons that visually represents each option to make it more clear at a glance what each really does.

[handwritten note] Dropdown is not scalable for the amount of data, but not enough room on the screen for a different type of widget... :-/