This tutorial contains the concepts of adding an operating system to its own primary partition.

For the purposes of this tutorial the system is assumed to have the following:

- The Bootlt NG installation diskette.
- A single primary partition that uses the entire hard drive.
- Windows 9X or ME installed.

The tutorial will take you though the following process:

- Installation of Bootlt NG to its own dedicated partition.
- Installation of Windows 2000 to its own partition.
- Keeping Windows 9X/ME and Windows 2000 from seeing each others data.

Boot from the Bootlt NG Installation diskette.

Since we want to install Bootlt NG to its <u>own partition</u> but we know that there is no "un-partitioned" space - we cancel setup.







Boo	tlt NG						
Edit	Utilities	Help					
	Mark a	ith David	itiona				
	WOIK W	iun Paiu	Detiliere				Actions
		Dilves		Destiliae	0001 MD	EAT 22	Actions
	• t	HD Uj	NU NAME-U	Partition	8221 MB	FA1-32	Create
							Delete
							Format
							Resize
							Click Resize or press tab then Alt-R
	Create						
		MDH					Groups
							Paste
	He	elp					Properties
	Clo	ose					
			I				

Bool	tlt NG		
Edit	Utilities He	elp	
	Second with 1	Destitions	
	Work with I	ratutons	Actions
			Actions
	• HD 0	0 NUNAME-0 Partition 8221 MB FAT-32	Create
			Delete
		Resize	Format
			Resize
		Click OK to error check the file system.	Сору
			Slide
	Create EME	BR	Image
	View MBF		Groups
		Click Ok or	Paste
	Help	press enter	Properties
	Close		

Bootlt NG only needs 8MB but since we know were going to add Windows 2000 we'll shrink the partition size by a couple of Gigabytes

Bootlt NG		
Edit Utilities Help		
Work with Partitions		
Hard Drives Partitions		Actions
HD 0 NO NAME-0	Partition 8221 MB FAT-32	Create
Resize Partitio Name: N Type: F. Size: 82 Min Si	n Information NO NAME-0 AT-32 221 MB ze: <u>New Size:</u> Max Size: D	Create Delete Format Copy Slide
Create EMBR	AT © FAT32 CAT © FAT32 CAT © FAT32 Enter a new size then click Ok OK Can or press F10	Image Groups Paste
Help Close		

Boot	lt NG					
Edit	Utilities	Help				
	Work w	ith Parti	itions			
	Hard D	Drives	Partitions			Actions
	• H	IDO	NO NAME-0	Partition 8221 MB FAT-32	_	Create
						Delete
			Resize			Format
			r	There are certain events that can cause data loss d this process. Be sure you have a current backup of your data before continuing.	luring Fall	Copy Slide
	Create View	EMBR MBR		Resulting cluster size will be 4096 byte(s)		Image Groups
	He	lp		Click Continue or pro tab then enter	ess	Paste Properties
	Clo	se				
ľ						

This is displayed when the resize is complete.

Bool	lt NG							
Edit	Utilities	Help						
	Work w	ith Parti	itions					
	Hard Drives Partitions							Actions
	• F	ID 0	NO NAME-0	Partition	5993 MB	FAT-32		Create
				Partition	2228 MB	Free Space	_	Delete
							_	Format
								Slide
	Create	EMBR						Image
	View	MBR						Groups
								Paste
	He	elp						
	Clo	se 🖓 🛛						
			press Escape					













After a while this screen is displayed.

Bootl	t NG		
Edit	Utilities	Help	
			News
			Close Contents Search Back << >>
			NEWS CONTENTS
			What's New
			Setup
			Setup completed successfully.
			If you c d use it
			To close ans window, citck on the close word
			press enter

Bootlt NG	
Edit Utilities Help	
	-
News	
Close Contents Search Back << >>	
Click Close	
or press <u>NEWS CONTENTS</u>	
enter.	
What's New	
Important information for users of SCSI drives!	
Boott NG companion programs,	
If you don't have a mouse, you can tab to the >> button and use it to view the contents of this file.	
To close this window, click on the 'Close' button or press the Esc key.	



When the system reboots - This screen is displayed.

Boot	t NG 👘			
Edit	Utilities	Help		
	Guintes	neip	Boot Menu	
			Windows 98 SE	
			Boot Maintenance Direct Boot	
			Click Maintenance or press escape	
			Thank you for evaluating BootIt Next Generation BootIt NG is distributed as shareware. If you continue to use it beyond 30 days you must either discontinue its use or register it.	



We'll go ahead and rename the Windows ME partition.

ot it NG dit Utilities Help	_	_		_	_				
Work with Par	titions								
Hard Drives	Hard Drives Partitions								
• HD 0	NO NAME-0	Partition	5993 MB	FAT-32	Create				
		Partition	2220 MB	Free Space					
	BootIt EMBRM	Partition	8 MB	BootIt EMBRM	Delete				
					Format				
					Resize				
					Сору				
					Slide				
Undo EMBR					Image				
View MBR					Groups				
					Paste				
Help					Properties				
Close				Click Prop	erties or				
				press tab ti	hen enter				
	Thank : BootIt NG is di beyond 30 day:	you for evaluatin stributed as shar s you must eithe	g Bootlt Ne eware. If yo r discontinue	xt Generation ou continue to use it e its use or register it.					

Bool	llt NG							
Edit	Utilities	Help						
	Work w	vith Parti	tions	Properties (1)				
	Hard (Drives	Partitions	- Partition Information			A	ctions
	•	ID O	NO NAM	Name WinME				ireate
			BootIt EI	File System 11/Bh: FA	N-32	-	D	elete
				Size 5993 MB		Hide	F	ormat
				- Options		ation —	B	lesize
				Multi-OS	Start: 63			Copy
					End: 122786	59		Slide
	Llode I			A deficience I de Commerciae				
				Bootable: FAT32 Label:	NO NAME	Enter a ne	w name the	<mark>n e_</mark>
	View	MBR		Cluster size 4096 byte(s)		click Ok (or press F10)S
				This partition is not acces	ssible by Win95a,	,	F	Paste
				DUS, WINNT, or US/2.				
	He	elp						
					/			
				ОК	Cancel	1		
			E	Booth NG is distributed as sh	areware. If you o	continue to use i	it	
			Ь	eyond 30 days you must eith	er discontinue its	use or register i	it.	

Now we will create the partition for Windows 2000.

Bootl	t NG								
Edit	Utilities	Help							
	utork mi	ile Davi	itiana						٦
	Hard D	iun Faiu)rives	Partitions					Actions	
	О н	D 0	WinME	Partition	5993 MB	FAT-32		1	
				Partition	2220 MB	Free Space		Create	
			Bootlt EMBRM	Partition	8 MB	Bootlt EMBRM		Undelete	
								Format	
				Click on the free	space e	entry or tab		Resta	
				to partitions and	press the	e down arrow		Hesize	
								Сору	
								Slide	
	Undo E	MBR						Imaga	
	View b							illiage	
	VIEW I	MDH						Groups	
								Paste	
		. 1						Properties	
	He	lp						112220022	
	Clos	se							
-			Bootit	Thank you for evaluatin NG is distributed as shar	g Booth Ne: eware. If yo	xt Generation ou continue to use	it a		_
			Deyond	30 days you must either	aiscontinue	e its use or register	IC.		

Boot	It NG						
Edit	Utilities	Help					
	Work w	ith Part	itions				
	Hard [Drives	Partitions				Actions
	• н	ID 0	WinME	Partition	5993 MB	FAT-32	Create
				Partition	2220 MB	Free Space	
			BootIt EMBRM	Partition	8 MB	BootIt EMBRM	Click Create or
							press enter
							Besize
							Сору
							Slide
	Undo B	EMBR					Image
	Mour						mage
	VIEW	MDH					Groups
							Paste
	_						Proportion
	He	lp					riopentes
		se	L				
ļ			Theody		- Deedle Ma		
			i nank Boottt NG is d	you ror evaluatin listributed as shari	g Bootit Ne eware If ur	xt Generation ou continue to use i	ìt
			beyond 30 day	vs you must either	discontinue	e its use or register i	it.

Boot	lt NG									
Edit	Utilities	Help								
	Work w	ith Parti	itions							1
	Hard D)rives	Partitions						Actions	-
	• H	D 0	BootIt EI	Create - 2220 Partition Info Name File System Size - MB	Patilion MB Block Imation Win2K 11/Bh: FAT- 2220	F000 MD E	×T-22		Actions Create Undelete Format Resize Copy Slide	
	Undo E View I He Clos	IP		Options	ОК	Allocate H	high hter a name system th	and choosen click of	Image Sethe Fat: or press F	32 -10
'			Bi be	Thank you ootIt NG is distrit yond 30 days yo	i for evaluatin buted as shar bu must eithei	g BootIt Next eware. If you r discontinue it	Generation continue to use s use or registe	e it r it.		

Work with Parti Hard Drives HD 0	Create - 2220 MB Block Bootlt El Partition Information Name	Actions Create Undelete Format Resize
Undo EMBR View MBR Help Close	File S Size Checking for surface defects □ ptio □ F(□ M Skip Click Skip or press escape	Copy Slide Image Groups Paste Properties
	Thank you for evaluating BootIt Next Generation BootIt NG is distributed as shareware. If you continue to use it beyond 30 days you must either discontinue its use or register it.	



Bootl	t NG							
Edit	Utilities	Help						
Г			•*					
	WORK W	ith Parti	tions					
	Hard L)rives	Partitions					Actions
	🖲 н	DO	WinME	Partition	5993 MB	FAT-32		Create
			Win2K	Partition	2220 MB	FAT-32		
			BootIt EMBRM	Partition	8 MB	BootIt EMBRM		Delete
								Format
								Resize
								Сору
								Slide
	Undo E	MBR						Image
	View I	MBR						Groups
								Paste
	На	ln [Properties
		чр —						
	Clo	se 🔽		,				
		التي ما	Click Close or					
			press Escape	u for evaluatin	g Bootlt Ne	xt Generation		
			boott waits as bougged 20 days	tributed as share	eware. If yo discontinue	ou continue to use	it a	
			Deyond 30 days	you must either	uiscontinue	ents use of register	п.	

We'll now create a boot item for booting the Windows 2000 partition.



Boot	t NG							
Edit	Utilities	Help						
Edit	Utilities	Help	Boot Menu - I Menu Items Windows 98	DEFAULT MNI	U Open	Save As	Add Click Add press inse Move Up Move Dn Help Delete	or rt
			T Bootit Ni beyond 3	hank you for ev G is distributed a O days you mus	valuating BootIt as shareware, t either discont	Next Generation If you continue t inue its use or re	n to use it egister it.	

Don't click OK yet.

Boc	otit NG		
Edi	t Utilities He	elp	
	Edit Menu II	Item	
	- Boot Deta	ails	
	Name	Windows 2000 Enter a description for the boot men	u Fill
	HD		Clear
	Boot	Win2K Choose the Win2K partition	Hide
	Group		Volumes
	Sound	Browse> HD 1 <>	Move Up
	Flopp	py Drive Next BIOS Device 1	Move Dn
			-
	Floor	Drive VL Next BIOS Device: 3)	
	🗖 Swa	ap> HD 2 <>	
	Keystroke:	Check here if you're going to start Win2K setup b CDROM drive and the CDROM boots after the	y booting the hard drive
		3) > HD 3 <	
	OK	Cancel Help 0)	-
		BootIt NG is distributed as shareware. If you continue to use it beyond 30 days you must either discontinue its use or register it.	

We'll move the Win2K MBR entry because it's best to do so.

Bootit NG	
Edit Utilities Help	
Add Menu Item	
Boot Details	MBR Details
Name Windows 2000	> HD 0 < 🔟
HD 0	0) WinME Clear
Boot Win2K	1) Bootit EMBRM Hide
Group	2) Win2K Volumes
	- Click on the Win2K entry
Swap Default	1) Move Dn
One Time Option	2)
Floppy Drive Next BIOS Device	3)
Kawtakaa	> HD 2 <
- Neystokes	1)
Clear Input	2)
	3)
	HD 3 <
OK Cancel Help	0) 🔹
Bootit NLi is distributed as sha beyond 30 da <u>ys you must eith</u>	areware. If you continue to use it er discontinue its use or register it.

BootIt I	NG		
Edit L	Jtilities H	lelp	
Ad	d Menu	Item	
	Boot Det	alis	
	Name	e Windows 2000 🛛 🔄 📕> HD 0 < 🛋 🔄 📕	
	HD		ear
	Deed	1) Boott EMBRM	
	800	2) Win2K	ae
	Group	3) Volu	imes
	Sound	Browse> HD 1 <> HD 0	eUp
	Flop	ppy Drive 🔲 Next BIOS Device Click Move Up (or press Alt-U) until the Wir	12K
	One Time	e Option entry is at number zero (twice in this cas	e)
	Flop	ppy Drive Next BIOS Device 3) Pap> HD 2 <>	
	Keystroke	es	
		D D	
		Clear Input 2)	
		> HD 3 <	
		Cancel Help	
		Rooth NG is distributed as shareware. If you continue to use it	
		beyond 30 days you must either discontinue its use or regist <u>er it.</u>	

We'll now hide the Win ME partition from Win 2K

Add Menu Item	
Boot Details MBR Details MBR Details	
HD 0 Clear	
Boot Win2K 2) BootIt EMBRM Hide	
Group Click on the WinME entry or tab	es
Sound Browse to the MBR Details and use the Move I arrow keys	P
Swap Default	<u>)</u>
One Time Option 2) Floppy Drive Next BIOS Device Swap 3)	
Clear Input 0)	
3) > HD 3 <	
OK Cancel Help	
BootIt NG is distributed as shareware. If you continue to use it beyond 30 days you must either discontinue its use or register it.	

Boo	tlt NG				
Edit	Utilities H	elp			
r					
	Add Menu	ltem	1.45		
	Boot Det			SH Details	
	Name	Windows 2000	ll	> HD 0 <	···· ≜
	HD	0 1	0)	Win2K	Clear
	Bool		1)	WinME	Hide
	000		2)	BootIt EMBRM	
	Group		3)		Click Hide or
	Sound	Browse	ll	> HD 1 <	press Alt-H
	Flog		0)		Move Do
	Sw.	ap 🗖 Default	1)		
	- One Time	e Option	2)		
	📃 📃 Flop	opy Drive 🔲 Next BIOS Device	3)		
	Sw.	ар	ll	> HD 2 <	
	- Keystroke	38	0)		
			1)		
		Clear Input	2)		
	L		3)		
			ļ	> HD 3 <	
	ПК	Cancel Help	0)		-1
			Ľ		
		BootIt NG is distributed as sha	rewar	e. If you continue to use it	
		beyond 30 days you must eithe	er disc	continue its use or register it.	

We're done with the Win2K Boot Item.

Bootlt NG	
Edit Utilities Help	
Add Menu Item	
Boot Details	-MBR Details
Name Windows 2000	> HD 0 < 🔟 🧾
HD 0	0) Win2K Clear
Boot Win2K	1) Hide WinME
Group	2) Bootit EMBRM
Crued Rewood	> HD 1 <
Sound Blowse	
Swap Default	1) Move Dn
- One Time Option	2)
Floppy Drive Next BIOS Device	3)
	> HD 2 <
- Neysuukes	1)
Clear Input	2)
	3)
	> HD 3 <
OK Cancel Help	0)
Click Ok or	If you posting to use it
press F10 days you must eithe	r discontinue its use or register it.

Now we'll hide the Win 2K partition from Win ME

	t NG					
Edit	Utilities	Help				
			Boot Menu - D	FFAILLTMNU		[
			Menu Items			
			Windows 98	SE	Add	
			Windows 200	00	Edit N	
				Click on the Wi	ndows ME entry or t	<mark>ab -</mark>
				to Menu Items and s	elect it with the arro	<mark>ow keys</mark>
				Then click	Edit or press Enter	
				Then click	Edit or press Enter	
				Then click I	Edit or press Enter	
			ок 1	Then click	Edit or press Enter Help	
			ОК	Then click I	Edit or press Enter Help Save As Delete	
			OK	Then click I	Edit or press Enter Help Save As Delete	
			ОК	Then click I	Edit or press Enter Help Save As Delete	
			ОК	Then click I	Edit or press Enter Help Save As Delete	
				Then click I	Edit or press Enter Help Save As Delete	
			OK Th Bootit NG beyond 30	Then click I Cancel Open : ank you for evaluating BootIt Nex is distributed as shareware. If you	Edit or press Enter Help Save As Delete xt Generation bu continue to use it e its use or register it.	

Bootlt NG				
Edit Utilities Help				
Edit Manu Itam				
Boot Details		MBB Details		
Name Windows 98	SE	> HD 0 < Fill		
HD 0	4	0) WinME Clear		
Boot WinME	-	1) Bootlt EMBRM 2) Win2K		
Group		A Volumes		
Sound Sound	Browse Click	on the Win2K entry or tab to MBR Details and use the arrow keys to select it		
Swap	Default	1)		
One Time Option		2)		
Floppy Drive	Next BIUS Device	3) > HD 2 <		
Keystrokes		0)		
		1)		
Clear	Input	2)		
		3)		
		> HD 3 <		
	icel Help			
BootIt NG is distributed as shareware. If you continue to use it				
	beyond 30 days you must eithe	er discontinue its use or register it.		

BootIt NG				
Edit Utilitie	es Help			
Edit Menu Item				
E Bool	t Details	MBR Details		
	Name Windows 98 SE	> HD 0 < ≜		
	HD 0	0) WinME Clear		
	Poot WeME	1) Bootit EMBRM		
		2) Win2K		
(Group	³⁾ Click Hide or		
s	Sound Browse	> HD 1 <		
	Floppy Drive Next BIOS Device	0) Maya Dali		
	Swap 🔽 Default	1)		
- One	- One Time Option 2)			
	Floppy Drive 🔲 Next BIOS Device	3)		
	Swap	> HD 2 <		
- Keys	strokes	0)		
		1)		
	Clear Input	2)		
		3)		
		> HD 3 <		
	OK Capcal Help	0		
BootIt NG is distributed as shareware. If you continue to use it				
beyond 30 days you must either discontinue its use or register it.				

Bootlt N	NG		
Edit U	Jtilities H	elp	
Ed	it Menu I	tem	
	Boot Deta	ails -	MBR Details
	Name	Windows 98 SE	> HD 0 < 🛋 Fill
	HD	0	0) WinME Clear
	Boot	WinME	1) Bootit EMBRM
	~		2) Hide Win2K
	aroup		3) Volumes
	Sound	Browse	HD 1 < Move Up
	🔲 Flop	py Drive 🔲 Next BIOS Device	0) Move Dn
	🗖 Swa	ap 🗖 Default	1)
	One Time	Option	2)
		py Drive 🔲 Next BIOS Device	3)
	L Swa	ap	> HD 2 <
	Keystroke	- 8	0)
	1)		
		Clear Input	2)
			3)
			> HD 3 <
	OK		0)
		Click Ok or	
press F10 G is distributed as shareware. If you continue to use it			
		B0 days you must eithe	ner discontinue its use or register it.

We click okay to save the updated menu items.

Bootlt NG	
Edit Utilities Help	
Boot Menu - DEFAULT MNU	
Windows 98 SE	Add
Windows 2000	E dit
	Move Up
	Move Dn
	Help
UK Lancel Upen	Save As Delete
Click Ok or	
press F10	
The base for the Portuge	
I hank you for evaluating Boott N Boott NG is distributed as shareware. If	ext Generation you continue to use it
beyond 30 days you must either discontinu	ue its use or register it.

This will return us to the boot menu.



Now it's time to install Windows 2000.

Bootl	t NG	
Edit	Utilities	Help
		Boot Menu
		Windows 98 SE
		Windows 2000
		Boot Maintenance Direct Boot
		Insert the installation media then boot the Windows 2000 Item
		Thank you for evaluating Bootlt Next Generation
_		Bootit NG is distributed as shareware. If you continue to use it beyond 30 days you must either discontinue its use or register it

What happens at this point depends on if you check the "Next BIOS Device" option when you created the Windows 2000 boot item or not.

If you did not check that option then you are presented with a black screen with gray text that says no operating system is installed on the partition. At this point you can hit any key to reboot your computer. It will boot in the order you have it set in the BIOS.

If you did place a check in that option then if the CD is bootable you'll get a message that says "Press any key to boot from CD...". Press a key quickly as the timeout is fairly quick.

After you get the installation media booted correctly click next above.

Now that the Windows 2000 installation media has been booted, setup starts.

When it comes to the point to select the installation partition, select the entry that has C: next to it (in this sample case it's the second entry) then press enter.

On the next step it asks what you want to do with the partition. In this case you can choose any of the options. The difference between "formatting as" and "convert to" is that formatting will delete anything on the partition and convert won't.

Now you can simply complete the Windows 2000 installation. The system will reboot at least once during installation. Simply select the Windows 2000 entry from the BootIt NG Boot Menu until the installation is complete.

Tip: If Windows 2000 shows its OS loader menu <u>after</u> installation is complete, then see the <u>help/info</u> page for instructions on how to remove them.

This concludes the tutorial.