How To Mix It Up
or **(Jumpin' on the bootleg wagon - its like so Sept 2001)**

So you wanna do that damn hot new Britney vs Black Flag - Super lo-fi indie Punkrock mix that's going to send the kids wild. You'll be the next Kid606. Damn you are hot. But how do you get started?

Step 1 - Software
(Decks = realtime booty is only for da Hardcore)

Seriously, you are going to need some software (or decks -like 1200s - if you've got the vinyl and you are a turntablist extraordinaire). So, there are a stack of sound apps out there with different levels of complexity and
>functionality. You might want to check out: Sonic Foundry - ACID (Win) - popular one, has a lot of built in time stretch / repitch capabilities. And its really easy to use, sound quality isn't that good though if you ask me. but you could probably do everything with this one app.

Wave Editors
Also by Sonic Foundry is Sonic SoundForge (Win) basically a wave editor. but for Time stretching and pitch shifting its got really nice algorithms and can do some severe stuff without totally screwing up the source material.

in a similar vein are I imagine these are just as good, although I'm not very familiar with them.
Wavelab (Win)
Peak (Mac)
CoolEdit (Win)
TC Works Make Something (Mac)

Digital Audio Multitracking
If you go the Wave Editor route you are now going to need some kind a of Digital Audio Multitracking Software. Most of these Started of as MIDI apps and then added Audio Stuff or the other way. These will allow you to put together the whole song, arrange all your different parts drop stuff in and out, add some reverb or EQ so the vocal sits a little better in the mix. etc..

Classics
Digidesign - Pro-Tools - there is a Free version with most feature I think.
Steinberg - Cubase VST - also has a limited feature Free version called
Cubasis Inwired or something.
Emagic - Logic Audio legendary midi sequencer form the old Atari ST days. I know people who still run Notqtor on Atari 1040STs
Cakewalk - SONAR Windows only I believe. and doesn't support VST plugins. but will probably do the trick

Step 2 - What / How to Mix
Its siiiick cuts / oh baby one more time.

So you've got your Brittany Speared - Baby, I want to take it up the &5#*& - Acapella (i.e. vocal only) that you somehow found on that 12" limited edition Germany only release. Or maybe you found the version that some chap put up at Audio Galaxy, or found it on one of the numerous P2P file sharing networks that help these limited edition Acapella cuts spread like wildfire. - not that I am advocating Music piracy which is bad and could make you a member of the AXIS of EVIL.

You've worked out that the Britney track is precisely 102.465 BPM (beats per minute) and you've chopped out some siick damaged guitar sections with your Wave Editing Software out of that old Black Flag track that don't have too much vocal in them. - (and it better be pre-Henry Rollins shit, cause I hate that Post-Rollins metal edge of the later stuff).

But there's some problems:
- those Black-Flag guys don't have perfect timing;
- and the loops are all different lengths, one bit is like 120 bpm and another is 125;
- shit, and its way off that Brittany Tempo;
I'm screwed you are thinking.

But no. Here's where you whip out your super time stretching expertise and match up the tempos of all your loops and the Brittany Speared vocal. Most of the apps will have a few different time stretching methods, you should be able to enter in the original tempo and the desired tempo - otherwise use ratios of Tempos or just make all your loops exactly the same length conserving pitch.

now you are set, the rest is just too damn easy.

Step 3 - Shit dat mix is Hot

So you whacked all your loops and the vocal into your Digital Audio Multitracker. And it sounds siiick Mate.. don't you just love the way that bit drops out when Brittany goes into the Chorus for the Second time. but you learned soo much.. sure the next one will be easier. and the intro . oh its just perfect - you've got that baby so in sync.

Took you fuckin hours to fix it all those minor adjustments here and there:
- Q points are like soooo cool;
- the original pitch of the vocal was way off, but pitch shifting it down 2 semitones made it sound almost perfect;
- and you had to loop the Black Flag verse section twice cause its not the same length as the Brittany one;
- and damn I wish I could get a bit from that other section of the Black Flag track - but the vocal is way too loud. (maybe I should try that Phase Inverting Karaoke vocal trick that I read somewhere will reduce the volume of the Vocal)

hey it took 3 days to get it just right was worth it. you gunna be da next Freelance Hellraiser

Step 4 - Now, Where'd I put that Tigerbeat Contact Number??

Get ya self some free webhosting and post a link to the Message board Get ur Bootleg On. You are on your way baby - maybe you can get your link posted on Boom Selection???? White label release maybe?

The future is now.

This was written a while ago.

All credit for writing should go to **Dsico That No-Talent Hack** - http://www.dsico.org/

Converting, formatting, spellchecking and URL addition done by Alex C for Boot Camp Clique