Update serial handling in bootloader

Allow changing serial baud rate in bootloader during boot1/boot2. The speed will automatically be taken over by the loader.

The patch contains multiple changes to improve serial handling through the bootprocess and can be found here: [https://github.com/DragonFlyBSD/DragonFlyBSD/pull/7](https://github.com/DragonFlyBSD/DragonFlyBSD/pull/7)

#1 - 11/01/2018 12:45 PM - ddegroot

Excerpt of changes:

**General:**
- `/usr/src/sys/boot makefile fix`
- Set default serial console speed to 115200
- Use stable names/terms in the Makefile ie COMSPEED and BOOT_COMCONSOLE_SPEED

**boot0**
- Update boot0.S with the newer fbisd version (not sure if this is like/ok)
- If the COMSPEED is set to 0, then don't try to initialize the serial port and assume that the BIOS has set it up for us. This allows folks with a serial-aware BIOS to set the BIOS to speeds above 9600 and allow boot0 to just use the existing settings.
- (freebsd/freebsd@d9d5c6d) - Allow boot0cfg to force a PXE boot via boot0 on the next boot.
- Fix boot0 to check for PXE when using the pre-set setting for the preferred slice.

**boot1**
- Use most of the newer fbisd boot1.S (freebsd/freebsd@b730d20)
- Allows you to set the Serial Speed (ie: `S115200`)
- Correct line breaks / nicer commandline output when manually entering commands
- Once the first parameter is entered on the commandline, stop timeout
- Suppress twiddle when autoboot is off
- Show current set of flags when making a change
- Allow setting the serial speed (which will also activate RB_SERIAL)
- `D` for DUAL makes more sense than `-D` for Keyboard
- Continue to loader/kernel using an empty commandline (`\n`) instead of timing out
- Error on unknown flags/cmds
- Move/Reorder some functions
- Use unsigned char / uint8_t to reduce size.

**loader**
- Reuse the speed already set in boot1
- Allow handling of boot_multicons (currently until loader and not in the kernel (yet))
- Reuse `isa_inb/isa_outb` from comconsole.c (via extern bootstrap.h)
- Add print RB flags which were passed in (used for debugging)
- Use new `cons_probe` function
- Updated loader.8 to show change functionality

**pxeboot**
- Synced with fbisd (freebsd/freebsd@433bd38)
- Integrate support for tftp and nfs in one pxeboot
- Remove need for loader_tftp and pxeldr_tftp as special versions
- Update man pages accordingly
- Use RB_SERIAL and RB_MULTIPLE (aka boot_multicons) from sys/reboot.h when no keyboard was detected (potential false positive).

**comconsole**
- Handle Multiple/Dual console drivers in a nicer way
- Add extra functionality to comconsole
- Add sleep/usleep definitions