

★ BSD Media Center

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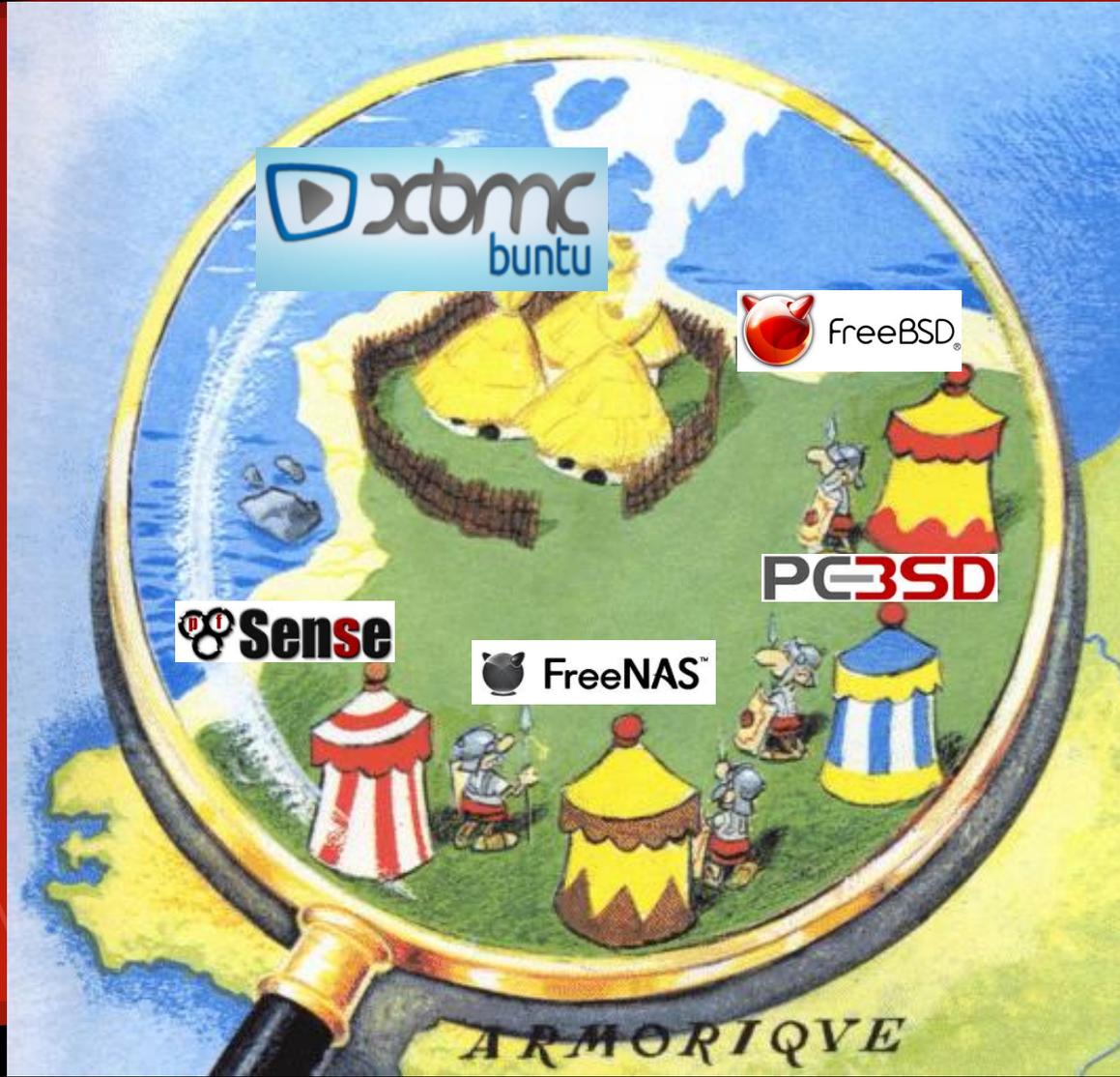




★ Agenda

1. Why BSD Media Center ?
2. Objectives & Features
3. Problems to solves (a lot's)
4. Questions ?

★ Why BSD Media Center ?



★ Objectives & Features



- Objectives
 - Testing the modularity of BSDRP build scripts
 - Replacing Ubuntu by FreeBSD on my nettop
- Pre-packaged NanoBSD images (2G)
 - Xorg, slim, XBMC, lirc and nvidia-drivers
- Helper scripts:
 - All scripts from BSDRP (config save, etc...)
 - Auto detection of audio/video devices and install nvidia drivers if detected during the first start



★ Problems to solve

- Using a NanoBSD base:
 - / is in read-only
 - /etc and /var are small sized RAM disk in read-write (RW)
 - /home/user need to be in RW and can be important (XBMC media database take minimum of 6Mb)
 - => The "config save" process take some time
 - => Need to found a better partition layout (using a 4th slice called /data?)



★ Problems to solve

- nvidia-drivers
 - Mandatory for VA-API
 - No HDMI audio output on ion
- Binary size
 - nanoBSD include 2 system partitions (permit to rollback after an upgrade)
 - => Hard to have a system partition less than 512MB



★ Questions ?

<http://code.google.com/p/bsdmc/>