Hacking Wii

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Hardware Media Security

* Nano flash
* Two processors
  + Powepc 750cl ’BROADWAY” Fast and insecure
* System on a chip
  + A chip or portion w/ cpu, memory, and storage in a package
* Key in checked inside the southbridge/ROM
  + Key In boot0
  + Checked in boot1
  + Boot2 checked by boot1
  + Boot2 switches to ios then operating system
* TMD: title metadata signs and describes the content
  + Contains sha-1 hashes of the content files
  + Permissions, groupids, region locking
* Eticket: your license to use the content
* Own custom OS called ios
  + Handle most i/o to broadway
  + Talks via ipc interface
  + Provides high-level network API