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Emulators

- Emulates a machine
- Software pretends to be hardware
- ROM – image of game data
- Game console emulation
 - Nesticle
 - ZSNES
 - Virtual Boy Advance

Our Project

- SNES Emulator
- Java Applet
- Embed into web page
- Load ROM image from server or client

Use Cases

- Embed game into blog
- Share hobbyist game on website
- Cross platform

Core Components

- CPU
- Memory implementation
- Video output
- Player input
- Applet front-end
- Audio (hopefully)

Technical Challenges

- Understanding the specifications
- Emulation speed
- Representing hardware virtually
- Timing
- ROM compatibility



Questions?

SNO SUPER NINTENDO ONLINE