QEMU support for Xtensa

Things to do:

- core/basic opcodes implementation;
  - [+] and/or/xor/neg/abs;
  - [+] shifts;
  - [+] add[x*]/sub[x*]/add.n/addi.n;
  - [+] call0, callx0, j, b*;
  - [+] l32*, s32*;
  - [-] windowed registers, call*/callx*;
  - [-] boolean registers/commands;
- windowed registers;
  - [+] simple overflow algorithm that's triggered from ENTER;
- loop option;
- floating point;
- MMU;
  - [+] no-mmu mode;
- gdbserver;
  - [+] xml register map, read/write register;
  - [+] debug exception, single step mode;
  - [-] hw/sw breakpoints;
  - [+] wrong disassembly (caused by wrong endianness of produced ELFs);
- exceptions;
  - [+] debug;
- sample evaluation board;
  - [+] memory mapping, ELF loader;
  - [-] standard periferals.

From:
http://wiki.osll.ru/ - **Open Source & Linux Lab**

Permanent link:
http://wiki.osll.ru/doku.php/etc:users:jcmvbkbc:qemu-target-xtensa?rev=1301389055

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