RCS file: /Users/implicit/Desktop/Source Code/cvs_strings/beads/timesync/main/timesync.c,v
Working file: bdk/beads/timesync/main/timesync.c
head: 1.23
branch:
locks: strict
access list:
symbolic names:
        BUILD_20060123: 1.23
        BUILD_20050908: 1.23
        BUILD_20050817: 1.23
        BUILD_20050722: 1.23
        BUILD_20050718: 1.23
        BUILD_20050627: 1.23
        BUILD_20050605: 1.23
        TRAVIS_20050527: 1.23.0.22
        dev_NewSchema-branch: 1.23.0.20
        rd_GuiToolkit-branch: 1.23.0.18
        ALL_20050422: 1.23
        TRIO_20050418: 1.23
        TRIO_20050404: 1.23
        blackfin-branch: 1.23.0.16
        TRIO-20041130: 1.23
        RADKIT_GOLD_0042: 1.23.0.14
        BEADS_SILVER_0056: 1.23
        RADKIT_GOLD_0041: 1.23.0.12
        BEADS_SILVER_0055: 1.23
        RADKIT_GOLD_0040: 1.23.0.10
        BEADS_SILVER_0054: 1.23
        BANDON_20040413: 1.23.0.8
        RADKIT_GOLD_0039: 1.23.0.6
        BEADS_SILVER_0053: 1.23
        BANDON_20040329: 1.23.0.4
        RADKIT_GOLD_0038: 1.23.0.2
        BEADS_SILVER_0052: 1.23
        RADKIT_GOLD_0037: 1.17.0.76
        BEADS_SILVER_0051: 1.17
        RADKIT_GOLD_0036: 1.17.0.74
        BEADS_SILVER_0050: 1.17
        RADKIT_GOLD_0035: 1.17.0.72
        BEADS_SILVER_0049: 1.17
        RADKIT_GOLD_0034: 1.17.0.70
        BANDON_20031224: 1.17.0.68
        BANDON_20031219: 1.17.0.66
        BANDON_20031214: 1.17.0.64

BANDON_20031204: 1.17.0.62
BANDON_20031103: 1.17.0.60
BANDON_20031024: 1.17.0.58
BANDON_20031014: 1.17.0.56
BEADS_SILVER_0048: 1.17
BEADS_SILVER_0047: 1.17
RADKIT_GOLD_0033: 1.17.0.54
BANDON_20030903: 1.17.0.52
BEADS_SILVER_0046: 1.17
RADKIT_GOLD_0032: 1.17.0.50
BEADS_SILVER_0045: 1.17
RADKIT_GOLD_0031: 1.17.0.48
BEADS_SILVER_0044: 1.17
RADKIT_GOLD_0030: 1.17.0.46
BANDON_20030815: 1.17.0.44
BEADS_SILVER_0042: 1.17
RADKIT_GOLD_0029: 1.17.0.42
BEADS_SILVER_0041: 1.17
RADKIT_GOLD_0028: 1.17.0.40
BEADS_SILVER_0040: 1.17
BEADS_SILVER_0039: 1.17
RADKIT_GOLD_0026: 1.17.0.38
BEADS_SILVER_0038: 1.17
RADKIT_GOLD_0025: 1.17.0.36
BEADS_SILVER_0037: 1.17
RADKIT_GOLD_0024: 1.17.0.34
BEADS_SILVER_0036: 1.17
RADKIT_GOLD_0023: 1.17.0.32
BEADS_SILVER_0035: 1.17
RADKIT_GOLD_0022: 1.17.0.30
BEADS_SILVER_0034: 1.17
RADKIT_GOLD_0021: 1.17.0.28
BEADS_SILVER_0033: 1.17
RADKIT_GOLD_0020: 1.17.0.26
BEADS_SILVER_0032: 1.17
RADKIT_GOLD_0019: 1.17.0.24
BEADS_SILVER_0031: 1.17
RADKIT_GOLD_0018: 1.17.0.22
BEADS_SILVER_0030: 1.17
RADKIT_GOLD_0017: 1.17.0.20
BEADS_SILVER_0029: 1.17
RADKIT_GOLD_0016: 1.17.0.18
BEADS_SILVER_0028: 1.17
RADKIT_GOLD_0015: 1.17.0.16

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        BEADS_SILVER_0027: 1.17
        RADKIT_GOLD_0014: 1.17.0.14
        BEADS_SILVER_0026: 1.17
        RADKIT_GOLD_0013: 1.17.0.12
        BEADS_SILVER_0025: 1.17
        RADKIT_GOLD_0012: 1.17.0.10
        BEADS_SILVER_0024: 1.17
        RADKIT_GOLD_0011: 1.17.0.8
        BEADS_SILVER_0023: 1.17
        RADKIT_GOLD_0010_INTERNAL: 1.17
        BEADS_SILVER_0022: 1.17
        RADKIT_GOLD_0009: 1.17.0.6
        BEADS_SILVER_0021: 1.17
        BEADS_SILVER_0020: 1.17
        RADKIT_GOLD_0008_INTERNAL: 1.17
        BEADS_SILVER_0019: 1.17
        RADKIT_GOLD_0007: 1.17.0.4
        BEADS_SILVER_0018: 1.17
        BEADS_SILVER_0017: 1.17
        RADKIT_GOLD_0006: 1.17.0.2
        BEADS_SILVER_0016: 1.17
        RADKIT_GOLD_0005_INTERNAL: 1.17
        BEADS_SILVER_0015: 1.17
        RADKIT_GOLD_0004_INTERNAL: 1.17
        BEADS_SILVER_0014: 1.17
        RADKIT_GOLD_0003_INTERNAL: 1.17
        BEADS_SILVER_0013: 1.17
        RADKIT_GOLD_0002: 1.16.0.4
        BEADS_SILVER_0012: 1.16
        BEADS_SILVER_0011: 1.16
        RADKIT_GOLD_0001: 1.16.0.2
        BEADS_SILVER_0010: 1.16
        BEADS_SILVER_0009: 1.14
        BEADS_SILVER_0008: 1.14
        BEADS_SILVER_0007: 1.13
        BEADS_SILVER_0006: 1.12
        SILVER: 1.23
keyword substitution: kv
total revisions: 23;     selected revisions: 23
description:
----------------------------
revision 1.23
date: 2004-03-09 21:45:51 -0600;  author: build;  state: Exp;  lines: +10 -7;
Fix GCC type-punning warnings, which are new as of GCC 3.3.2.
```

Fix coding convention violations (mostly whitespace)

----------------------------

revision 1.22
date: 2004-03-03 17:25:19 -0600;  author: davidc;  state: Exp;  lines: +189 -132;
Change the send path to send on a UDP socket directly.  This helps reduce latency in how long it takes for the packet to hit the wire.  It also gets rid of an extra thread, since UDP doesn't have to create a UDP Recv Thread.

----------------------------

revision 1.21
date: 2004-03-02 13:35:12 -0600;  author: davidc;  state: Exp;  lines: +94 -62;
Add error-handling code for when we fail on start-up (for example, when we can't listen on a UDP socket).

----------------------------

revision 1.20
date: 2004-03-02 12:44:33 -0600;  author: davidc;  state: Exp;  lines: +119 -349;
Change timesync so that it listens directly on a UDP socket (using the socketlib abstraction), instead of having a bead with an "Update" edge.  There were no changes to the wire protocol.

This change was mainly done for stability.  UDP packets challenge weaver in ways that may not be fixable.  Instead of trying to expand weaver to handle UDP, we are going to simply weaver and only use it in the cases that it's good at.  As such, we are porting all uses of UDP to use socketlib.

There should be a performance improvement, too, since we are eliminating the overhead of path building/finding.

----------------------------

revision 1.19
date: 2004-03-01 20:40:00 -0600;  author: davidc;  state: Exp;  lines: +14 -32;
Change the key create routine to generate a unique key each time, instead of using a singleton. This is done to work-around some weaver race condition crashes.

My next step will be to make timesync listen on the UDP socket directly, instead of using paths, but I wanted to commit a simple stop-gap in case I didn't get to do this for a while.

----------------------------

revision 1.18
date: 2004-03-01 20:20:57 -0600;  author: davidc;  state: Exp;  lines: +94 -181;
Make conform to our coding conventions (mostly whitespace changes).

----------------------------

revision 1.17
date: 2002-02-07 22:58:23 -0600;  author: davidc;  state: Exp;  lines: +4 -2;
Added code to propage the status from ClockSync_ModuleInit back to Strings.  This fixes defect #149.

----------------------------

revision 1.16

date: 2001-12-16 19:30:10 -0600;  author: scottwb;  state: Exp;  lines: +12 -12;
Got rid of hard-coded DEBUG_LEVEL_SET commands.
----------------------------
revision 1.15
date: 2001-11-29 13:15:11 -0600;  author: guyc;  state: Exp;  lines: +3 -1;
Fixed leak of expired hostinfo structs.
----------------------------
revision 1.14
date: 2001-10-23 11:40:49 -0500;  author: guyc;  state: Exp;  lines: +72 -1;
Added expiry code to expire old peers.
----------------------------
revision 1.13
date: 2001-09-17 19:23:32 -0500;  author: guyc;  state: Exp;  lines: +1 -3;
Removed sleep which was only for testing.
----------------------------
revision 1.12
date: 2001-09-17 17:01:42 -0500;  author: guyc;  state: Exp;  lines: +30 -5;
Fixed leak of key string.
----------------------------
revision 1.11
date: 2001-09-11 15:30:44 -0500;  author: guyc;  state: Exp;  lines: +5 -3;
Fixed bug that allowed an offset of 0 to be returned
when no offset had been computed (if a sync packet
was received but did not contain our own ID information).
----------------------------
revision 1.10
date: 2001-09-10 15:12:25 -0500;  author: guyc;  state: Exp;  lines: +17 -6;
Fixed overflow/wraparound bug when computing mean
offset.
----------------------------
revision 1.9
date: 2001-09-10 13:50:05 -0500;  author: guyc;  state: Exp;  lines: +28 -237;
Major additions to split clocksync into a second bead,
and into a separate source file.
----------------------------
revision 1.8
date: 2001-09-05 16:47:09 -0500;  author: guyc;  state: Exp;  lines: +2 -2;
Fixed missing assignment.
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revision 1.7
date: 2001-09-05 15:57:31 -0500;  author: guyc;  state: Exp;  lines: +355 -73;
Added (incomplete) handlers for encode/decode edges.
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revision 1.6

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