suricata-1.4.6/src root# ls -al unit*.c
-rw-r--r-- 1 root root 15695 Nov  3 23:54 unit-test-decode-icmp4.c
-rw-r--r-- 1 root root 46984 Nov  3 23:34 unit-test-decode-ipv4.c
-rw-r--r-- 1 root root 223181 Nov  3 23:17 unit-test-detect.c
-rw-r--r-- 1 root root 136477 Nov  3 23:07 unit-test-stream-tcp.c

and then the Makefile.in is updated to reference it:

# diff -u ../../suricata-1.4.6.orig/src/Makefile.in Makefile.in
--- ../../suricata-1.4.6.orig/src/Makefile.in Tue Sep 24 20:28:49 2013
+++ Makefile.in Sun Nov  3 23:56:13 2013
@@ -225,6 +225,8 @@
    tmqh-simple.h tm-queuehandlers.c tm-queuehandlers.h \
    tm-queues.c tm-queues.h tm-threads.c tm-threads.h \
    tm-threads-common.h unix-manager.c unix-manager.h \
    + unit-test-decode-icmp4.c \
    + unit-test-decode-ipv4.c unit-test-detect.c unit-test-stream-tcp.c \
    util-action.c util-action.h util-atomic.c util-atomic.h \
    util-bloomfilter-counting.c util-bloomfilter-counting.h \
    util-bloomfilter.c util-bloomfilter.h util-buffer.c 
@@ -392,6 +394,8 @@
    tmqh-packetpool.$(OBJEXT) tmqh-ringbuffer.$(OBJEXT) \
    tmqh-simple.$(OBJEXT) tm-queuehandlers.$(OBJEXT) \
    tm-queues.$(OBJEXT) tm-threads.$(OBJEXT) \
    + unit-test-decode-icmp4.$(OBJEXT) unit-test-decode-ipv4.$(OBJEXT) \
    + unit-test-detect.$(OBJEXT) unit-test-stream-tcp.$(OBJEXT) \
    unix-manager.$(OBJEXT) util-action.$(OBJEXT) \
    util-atomic.$(OBJEXT) util-bloomfilter-counting.$(OBJEXT) \
    util-bloomfilter.$(OBJEXT) util-buffer.$(OBJEXT) 
@@ -773,6 +777,8 @@
    tmqh-simple.h tm-queuehandlers.c tm-queuehandlers.h \
    tm-queues.c tm-queues.h tm-threads.c tm-threads.h \
    tm-threads-common.h unix-manager.c unix-manager.h \
    + unit-test-decode-icmp4.c unit-test-decode-ipv4.c \
    + unit-test-detect.c unit-test-stream-tcp.c \
    util-action.c util-action.h util-atomic.c util-atomic.h \
    util-bloomfilter-counting.c util-bloomfilter-counting.h \
    util-bloomfilter.c util-bloomfilter.h util-buffer.c 
@@ -1179,6 +1185,10 @@
 @AMDEP_TRUE@am__include@ @am__quote@./$(DEPDIR)/tmqh-packetpool.Po@am__quote@
 @AMDEP_TRUE@am__include@ @am__quote@./$(DEPDIR)/tmqh-ringbuffer.Po@am__quote@
 @AMDEP_TRUE@am__include@ @am__quote@./$(DEPDIR)/tmqh-simple.Po@am__quote@
+@AMDEP_TRUE@am__include@ @am__quote@./$(DEPDIR)/unit-test-decode-icmp4.Po@am__quote@
+@AMDEP_TRUE@am__include@ @am__quote@./$(DEPDIR)/unit-test-decode-ipv4.Po@am__quote@
+@AMDEP_TRUE@am__include@ @am__quote@./$(DEPDIR)/unit-test-detect.Po@am__quote@
+@AMDEP_TRUE@am__include@ @am__quote@./$(DEPDIR)/unit-test-stream-tcp.Po@am__quote@
+@AMDEP_TRUE@am__include@ @am__quote@./$(DEPDIR)/unix-manager.Po@am__quote@
It makes the actual code much easier to work with (greps are shorter etc) and you can see which files you don't need to immediately update when doing changes.

It's a preference of mine so I've listed it as a feature.

Thanks.

Related issues:
Related to Task #2975: convert unittests to new FAIL/PASS API  Assigned
Blocked by Task #3166: src code file reorg  In Review

History
#1 - 11/14/2013 05:24 AM - Victor Julien
- Target version set to 3.0RC2

Will consider this for 2.1. I've always wanted the tests to stay close to the code they test, but I agree things are a bit out of control. Also, testing code coverage with gcov is hampered by mixing in the tests.

I think I would prefer a scheme like decode-ipv4-unittests.c

#2 - 11/05/2014 04:50 AM - Victor Julien
- Target version changed from 3.0RC2 to 70

#3 - 01/01/2016 06:11 PM - Andreas Herz
- Assignee set to OISF Dev

#4 - 05/07/2019 06:44 PM - Victor Julien
- Subject changed from 1.4.6: separate #ifdef UNITTEST code into their own files to separate #ifdef UNITTEST code into their own files

#5 - 09/23/2019 09:53 PM - Andreas Herz
- Target version changed from 70 to TBD

#6 - 09/24/2019 10:15 AM - Victor Julien
- Target version changed from TBD to 70

#7 - 11/24/2019 07:53 AM - Victor Julien
- Blocked by Task #3166: src code file reorg added

#8 - 11/24/2019 07:54 AM - Victor Julien
- Related to Task #2975: convert unittests to new FAIL/PASS API added

#9 - 08/07/2020 01:55 PM - Victor Julien
- Target version changed from 70 to TBD