Apache MPM leader

Description:	An experimental variant of the standard `worker` MPM
Status:	MPM
Module Identifier:	mpm_leader_module
Source File:	leader.c

Summary

Warning

This MPM is experimental, so it may or may not work as expected.

This is an experimental variant of the standard `worker` MPM. It uses a Leader/Followers design pattern to coordinate work among threads. For more info, see http://deuce.doc.wustl.edu/doc/pspdfs/lf.pdf.

To use the `leader` MPM, add `--with-mpm=leader` to the configure script's arguments when building the httpd.

This MPM depends on APR's atomic compare-and-swap operations for thread synchronization. If you are compiling for an x86 target and you don't need to support 386s, or you are compiling for a SPARC and you don't need to run on pre-UltraSPARC chips, add `--enable-nonportable-atomics=yes` to the configure script's arguments. This will cause APR to implement atomic operations using efficient opcodes not available in older CPUs.

Directives

(➠ This directive is defined elsewhere. See: `mpm_common`)