```
_key::add
                                             sysio::chain::incremental
                                               _merkle_impl::append
                                          sysio::chain::webassembly
                                          ::interface::assert_recover_key
                                           BOOST_AUTO_TEST_CASE
                                           BOOST_AUTO_TEST_CASE
BOOST_AUTO_TEST_CASE
                                             sysio::chain::transaction
                                               ::get_signature_keys
                                               sysio::chain::detail
                                                ::is_builtin_activated
                                                  fc::k1_recover
 sysio::chain::webassembly
    ::interface::k1_recover
                                                fc::crypto::r1::public
                                                     _key::mult
                                                sysio::testing::base
                                                _tester::preactivate
                                                _all_builtin_protocol
                                                     _features
                                             sysio::testing::base
                                             _tester::preactivate
                                              _builtin_protocol_features
                                                fc::crypto::r1::public
                                                 _key::public_key
                                             fc::crypto::webauthn
                                              ::public_key::public_key
                                                fc::ecc::public_key
                                                    ::public_key
                                                fc::em::public_key
                                                    ::public_key
                                                fc::em::public_key
                                                    ::public_key
                                              fc::crypto::r1::signature
                                                   _shim::recover
                                               fc::crypto::webauthn
                                                ::signature::recover
                                                 fc::ecc::signature
                                                   _shim::recover
                                              fc::em::signature_shim
                                                     ::recover
                                            sysio::chain::webassembly
                                              ::interface::recover_key
                                                 fc::crypto::private
                                                     _key::sign
                                               fc::crypto::r1::private
                                                                                      fc::digest
                                                     _key::sign
                                               fc::crypto::r1::private
                                                  _key_shim::sign
                                                fc::ecc::private_key
                                                    _shim::sign
                                                fc::em::private_key
                                                    _shim::sign
                                               fc::private_key::sign
                                               fc::private_key::sign
                                               fc::private_key::sign
sysio::testing::mock
::webauthn_private_key::sign
                                               fc::crypto::r1::private
                                                 _key::sign_compact
                                                fc::ecc::private_key
                                                  ::sign_compact
                                                fc::em::private_key
                                                  ::sign_compact
    sysio::net_plugin_impl
       ::sign_compact
                                              sysio::producer_plugin
                                                  ::sign_compact
                                              sysio::wallet::wallet
                                               _manager::sign_digest
                                                 fc::crypto::to_wif
                                               sysio::wallet::detail
                                               ::soft_wallet_impl::try
                                                   _sign_digest
                                              sysio::wallet::se_wallet
                                                 ::try_sign_digest
                                              sysio::wallet::soft
                                              _wallet::try_sign_digest
                                              sysio::wallet::yubihsm
                                              _wallet::try_sign_digest
                                               fc::crypto::r1::private
                                                    _key::verify
                                                fc::crypto::r1::public
                                                    _key::verify
                                               fc::public_key::verify
                                               fc::public_key::verify
                                               fc::public_key::verify
```

sysio::chain::block _header_state::verify _signee

fc::crypto::r1::public