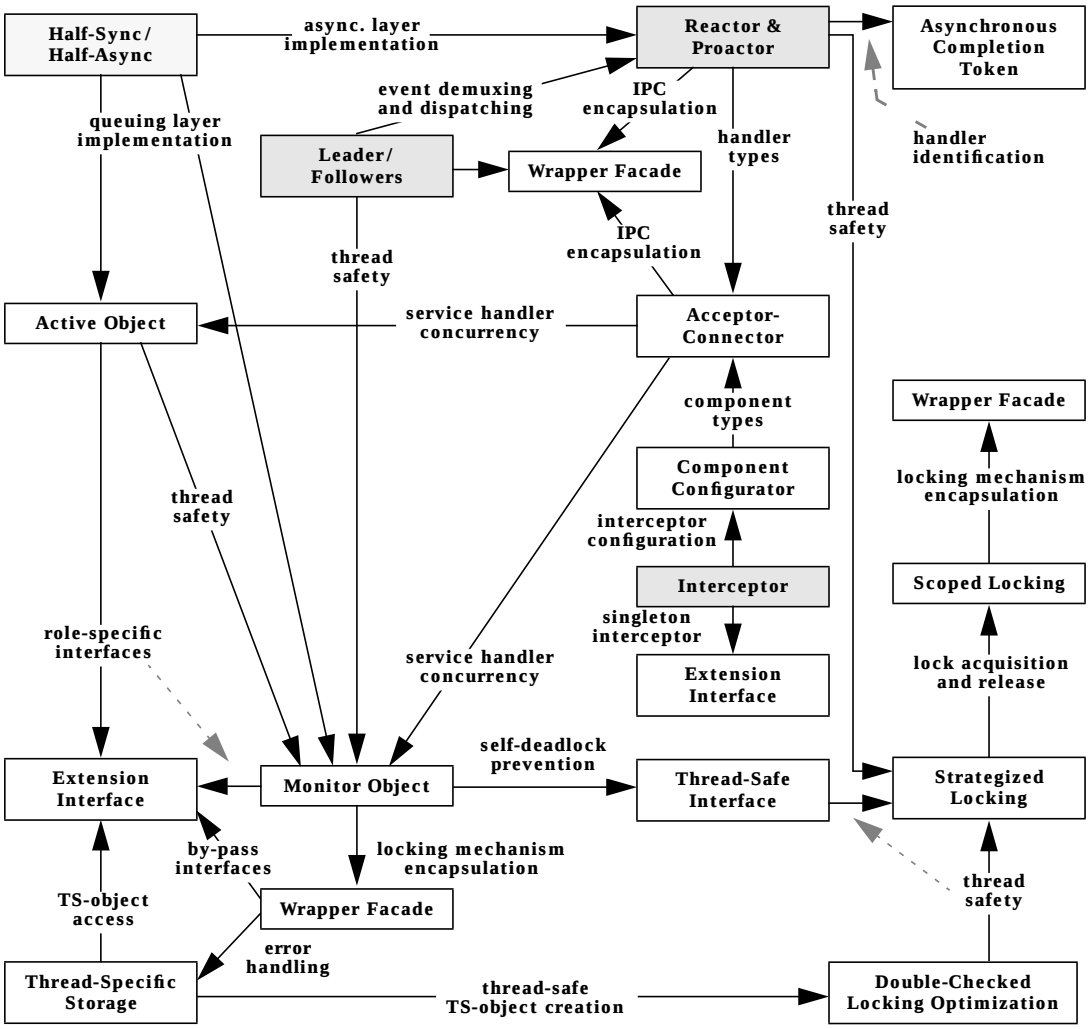
Half-Sync/
Half-Async
async. layer
implementation
Reactor &
Proactor
Asynchronous
Completion
Token
event demuxing
and dispatching
IPC
encapsulation
handler
types
handler
identification
queuing layer
implementation
Leader/
Followers
Wrapper Facade
thread
safety
IPC
encapsulation
thread
safety
Active Object
service handler
concurrency
Acceptor-
Connector
Wrapper Facade
component
types
Component
Configurator
locking mechanism
encapsulation
thread
safety
interceptor
configuration
Interceptor
Scoped Locking
singleton
interceptor
role-specific
interfaces
service handler
concurrency
Extension
Interface
lock acquisition
and release
self-deadlock
prevention
Extension
Interface
Monitor Object
Thread-Safe
Interface
Strategized
Locking
by-pass
interfaces
locking mechanism
encapsulation
thread
safety
TS-object
access
Wrapper Facade
error
handling
Thread-Specific
Storage
thread-safe
TS-object creation
Double-Checked
Locking Optimization