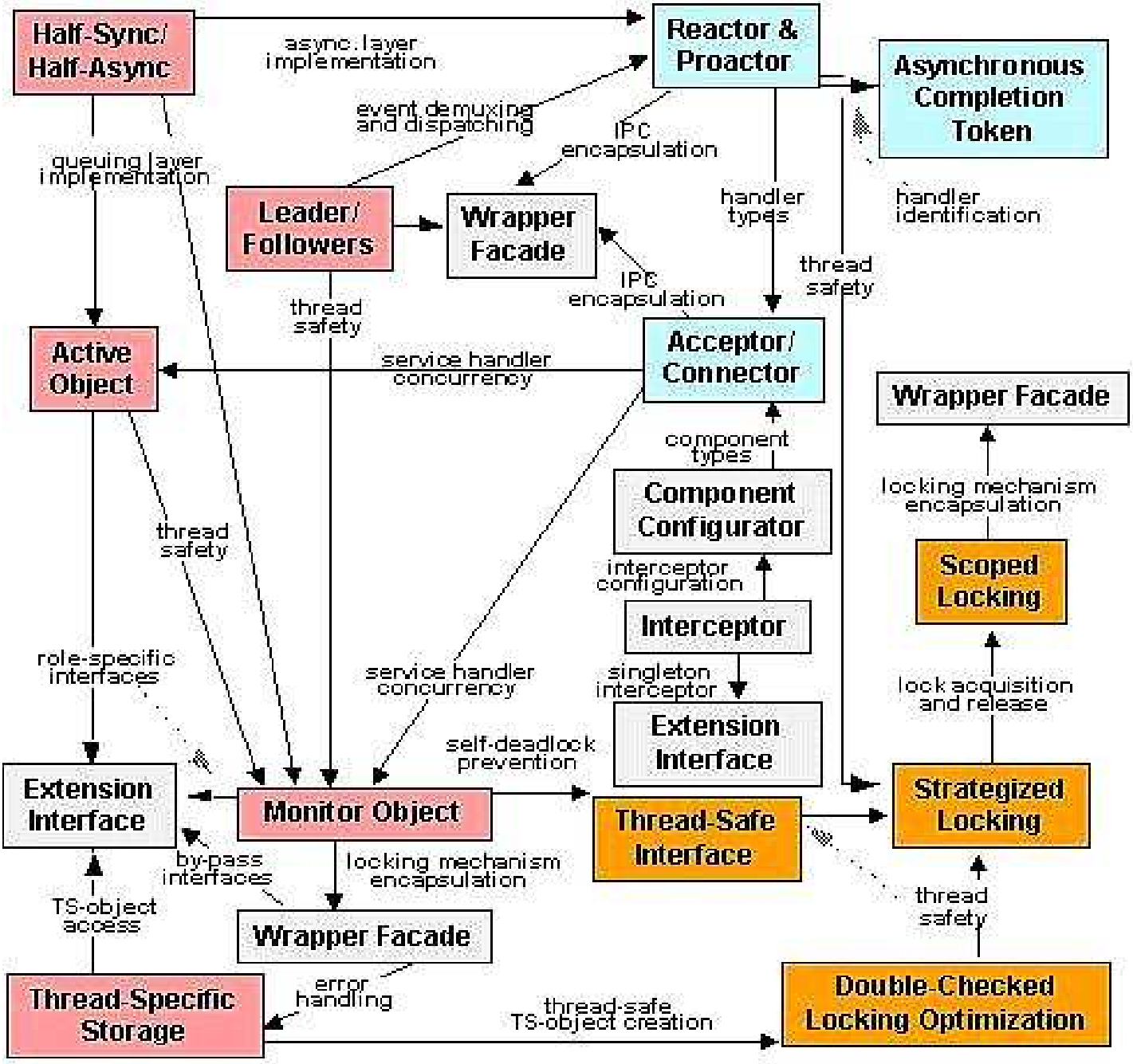
Half-Sync/
Half-Async
async layer
implementation
Reactor &
Proactor
Asynchronous
Completion
Token
event demuxing
and dispatching
IPC
encapsulation
queuing layer
implementation
Leader/
Followers
Wrapper
Facade
handler
types
handler
identification
thread
safety
IPC
encapsulation
thread
safety
Active
Object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