Session
Session lifecycle
beginTransaction()
close()
isOpen()
disconnect()
reconnect()
reconnect(Connection)
isConnected()
flush()
setFlushMode(FlushMode)
getFlushMode()

Persistent instances
save(Object)
save(Object, Serializable)
saveOrUpdate(Object)
update(Object)
update(Object, Serializable)
lock(Object, LockMode)
load(Class, Serializable)
load(Class, Serializable, LockMode)
load(Object, Serializable)
refresh(Object)
refresh(Object, LockMode)
evict(Object)
contains(Object)
delete(Object)
getIdentifier(Object)
getCurrentLockMode(Object)

Query factory
createQuery(String)
createFilter(Object, String)
createCriteria(Class)
getNamedQuery(String)

Query execution
find(String)
find(String, Object, Type)
find(String, Object[], Type[])
iterate(String)
iterate(String, Object, Type)
iterate(String, Object[], Type[])
filter(Object, String)
filter(Object, String, Object, Type)
filter(String, Object[], Type[])
delete(String)
delete(String, Object, Type)
delete(String, Object[], Type[])

Validatable
Instance state validation
validate()

Lifecycle
Persistent instance lifecycle
onSave(Session)
onUpdate(Session)
onDelete(Session)
onLoad(Session, Serializable)
VETO
NO_VETO

SessionFactory
SessionFactory lifecycle
close()

Session factory
openSession()
openSession(Interceptor)
openSession(Connection)
openSession(Connection, Interceptor)

Cache management
evict(Class)
evict(Class, Serializable)
evictCollection(String)
evictCollection(String, Serializable)

Metadata factory
getClassMetadata(Class)
getCollectionMetadata(String)
getAllClassMetadata()
getAllCollectionMetadata()

Query
Metadata
getQueryString()
getReturnTypes()
getNamedParameters()

Query execution
list()
iterate()
scroll()
setMaxResults(int)
setFirstResult(int)
setLockMode(String, LockMode)
setTimeout(int)

Parameter binding
setProperties(Object)
setParameterList(String, Collection)
setParameterList(String, Collection, Type)
setParameterList(String, Object[])
setParameterList(String, Object[], Type)
setParameter(String, Object)
setParameter(String, Object, Type)
setParameter(int, Object)
setParameter(int, Object, Type)
setString(String, String)
setString(int, String)
...

Hibernate
Proxies
initialize(Object)
isInitialized(Object)
getClass(Object)

Blob/Clob factory
createBlob(InputStream, int)
createBlob(byte[])
createClob(Reader, int)
createClob(String)

Type factory
entity(Class)
enum(Class)
custom(Class)
any(Type, Type)
serializable(Class)
BIG_DECIMAL
BINARY
BLOB
BOOLEAN
BYTE
CALENDAR
CALENDAR_DATE
CHARACTER
CLASS
CLOB
CURRENCY
DATE
DOUBLE
FLOAT
INTEGER
LOCALE
LONG
OBJECT
SERIALIZABLE
SHORT
STRING
TIME
TIMESTAMP
TIMEZONE
TRUE_FALSE
YES_NO

Transaction
Lifecycle
commit()
rollback()
wasCommitted()
wasRolledBack()