

BitPie.NET  
shutdownner()  
Automat

**AT\_STARTUP**

init  
flagApp=False  
flagReactor=False  
stop  
doSaveParam()  
flagApp=True

ready and flagReactor  
doKillAutomats()

ready and not flagReactor and flagApp  
doShutdown()

**INIT**

reactor-stopped  
flagReactor=True  
ready and not flagReactor  
and not flagApp

stop  
doShutdown()

**READY**

reactor-stopped  
doKillAutomats()

block

unblock and not flagReactor  
and not flagApp

unblock and not flagReactor and flagApp  
doShutdown()

**BLOCKED**

unblock and flagReactor  
doKillAutomats()

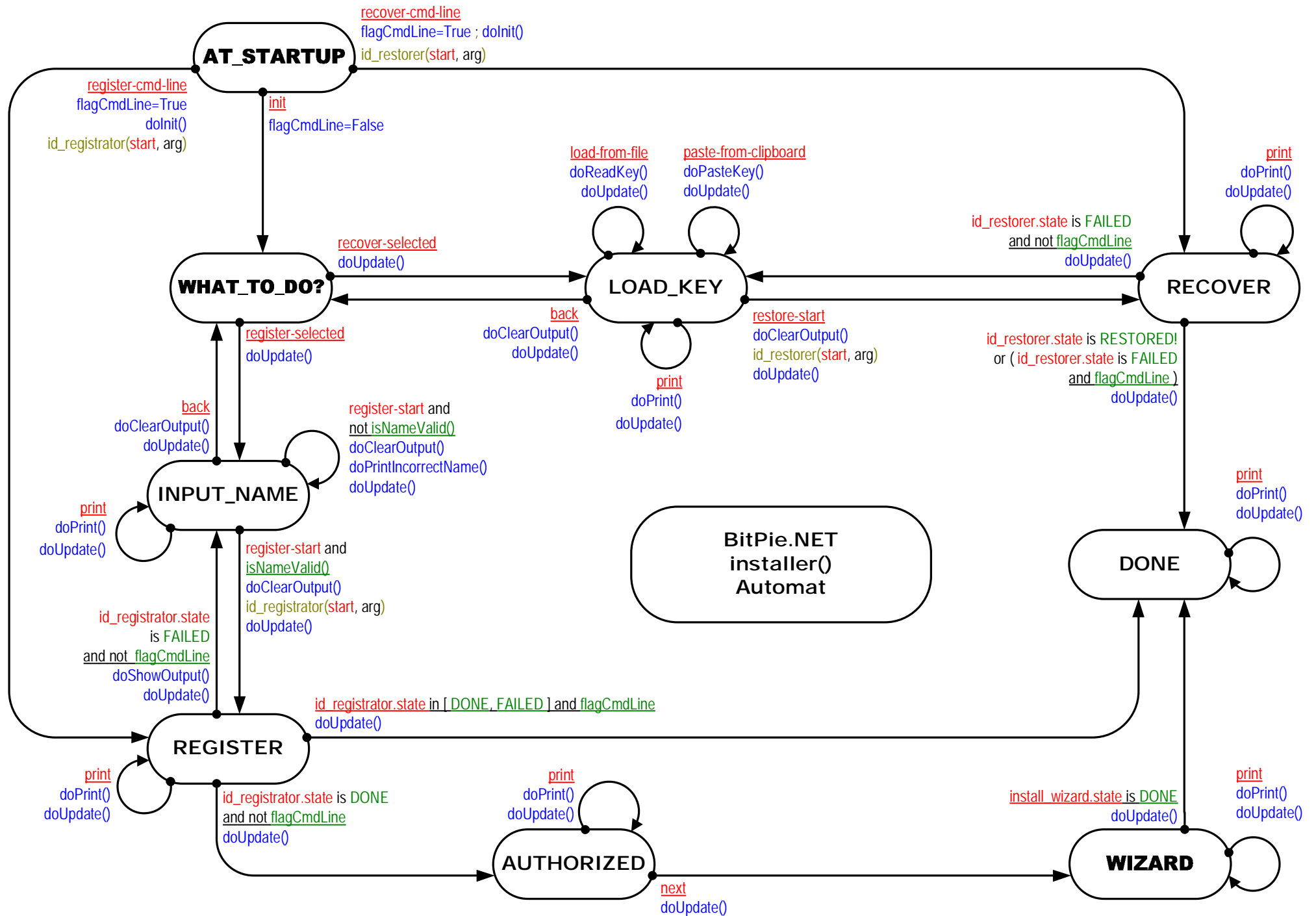
reactor-stopped  
flagReactor=True

stop  
doSaveParam()  
flagApp=True

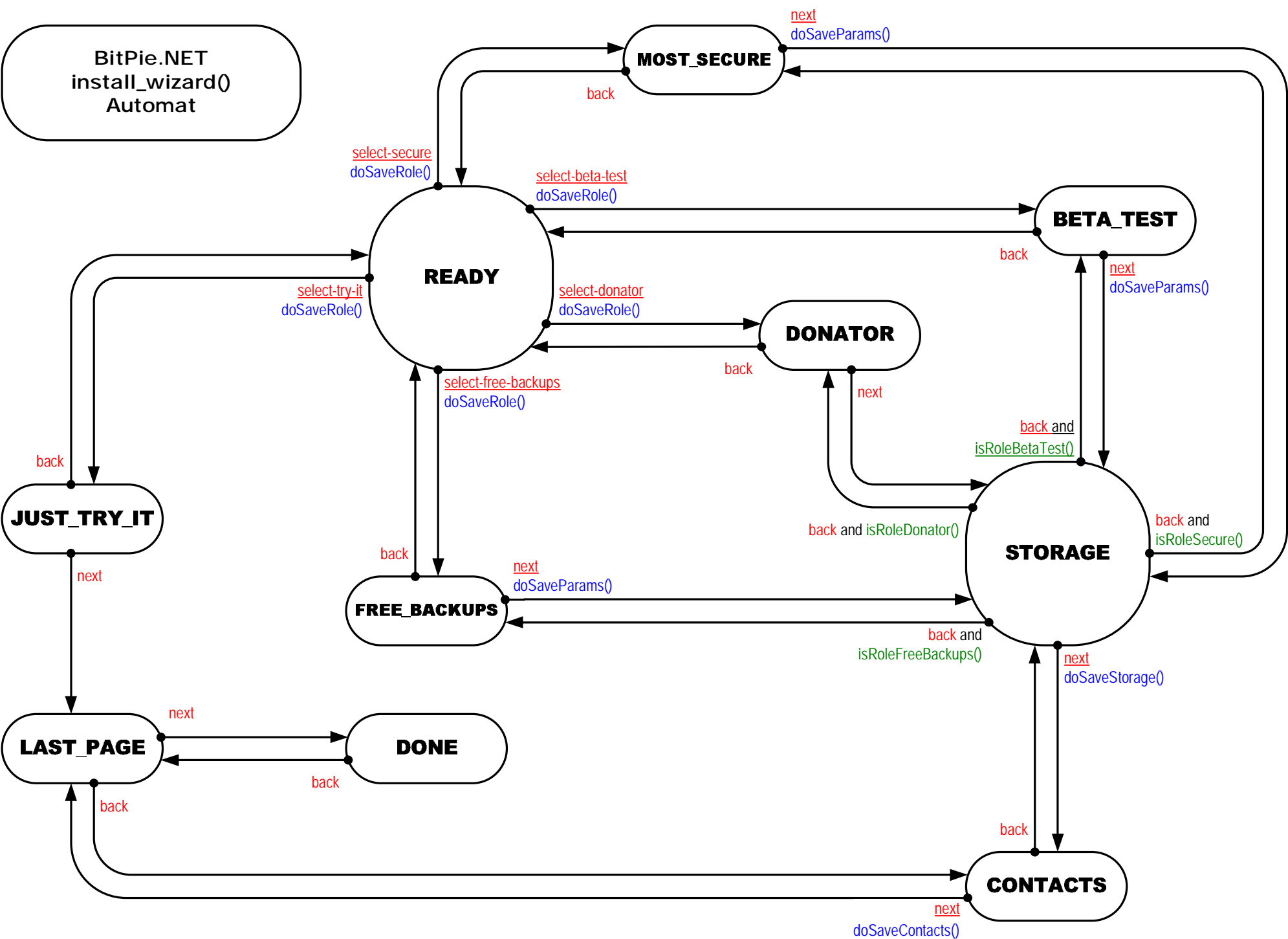
**FINISHED**

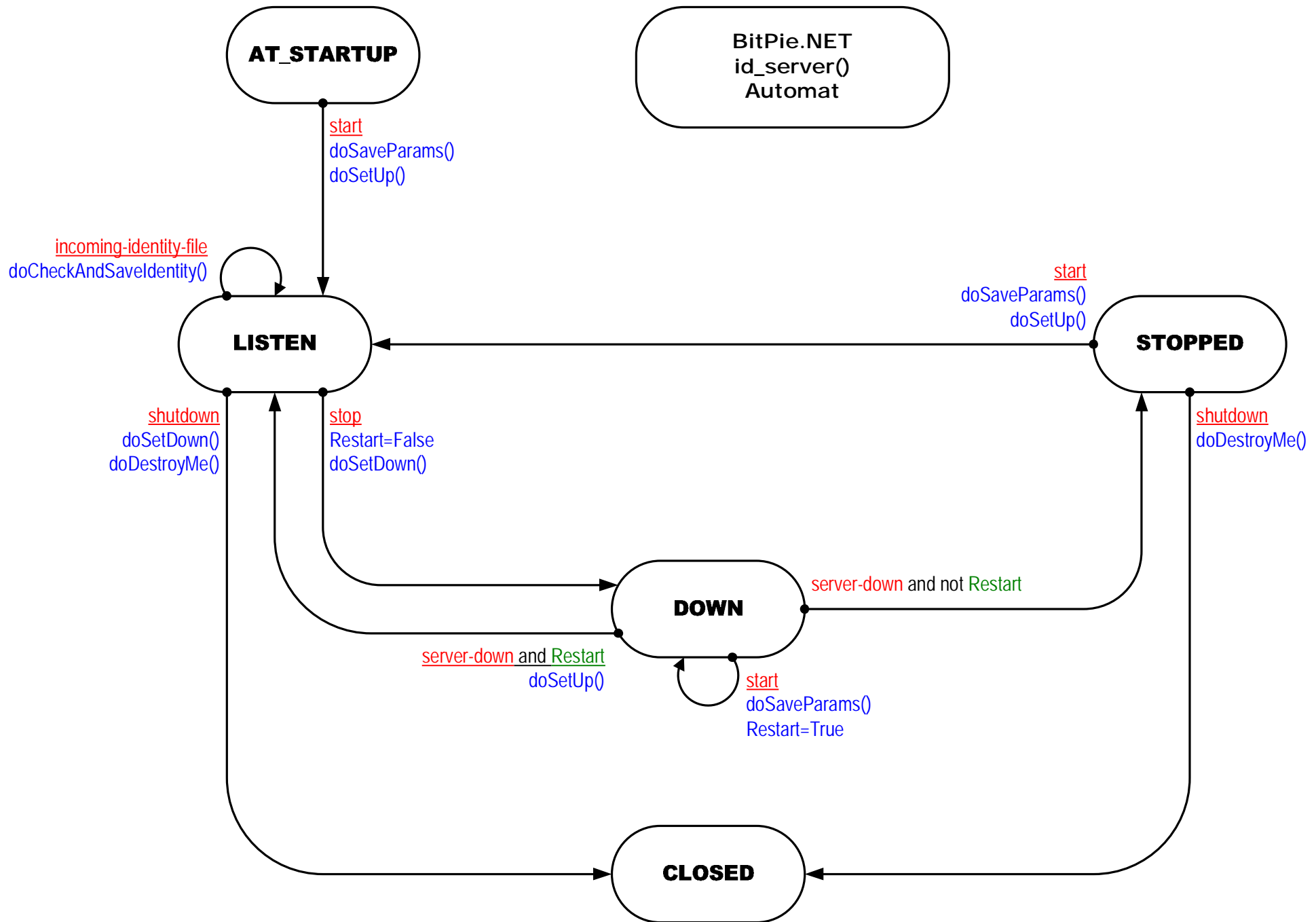
**STOPPING**

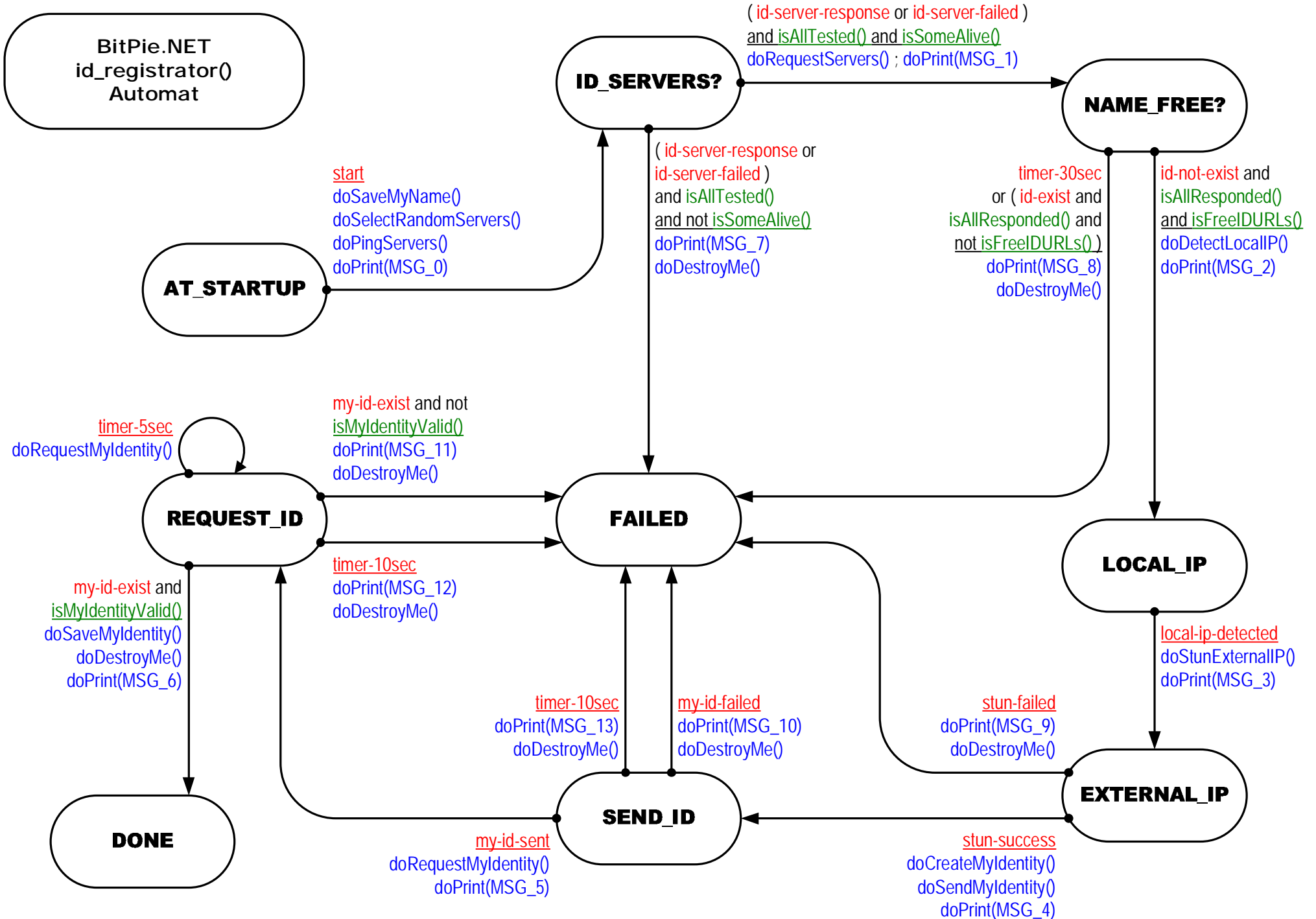
reactor-stopped  
doKillAutomats()

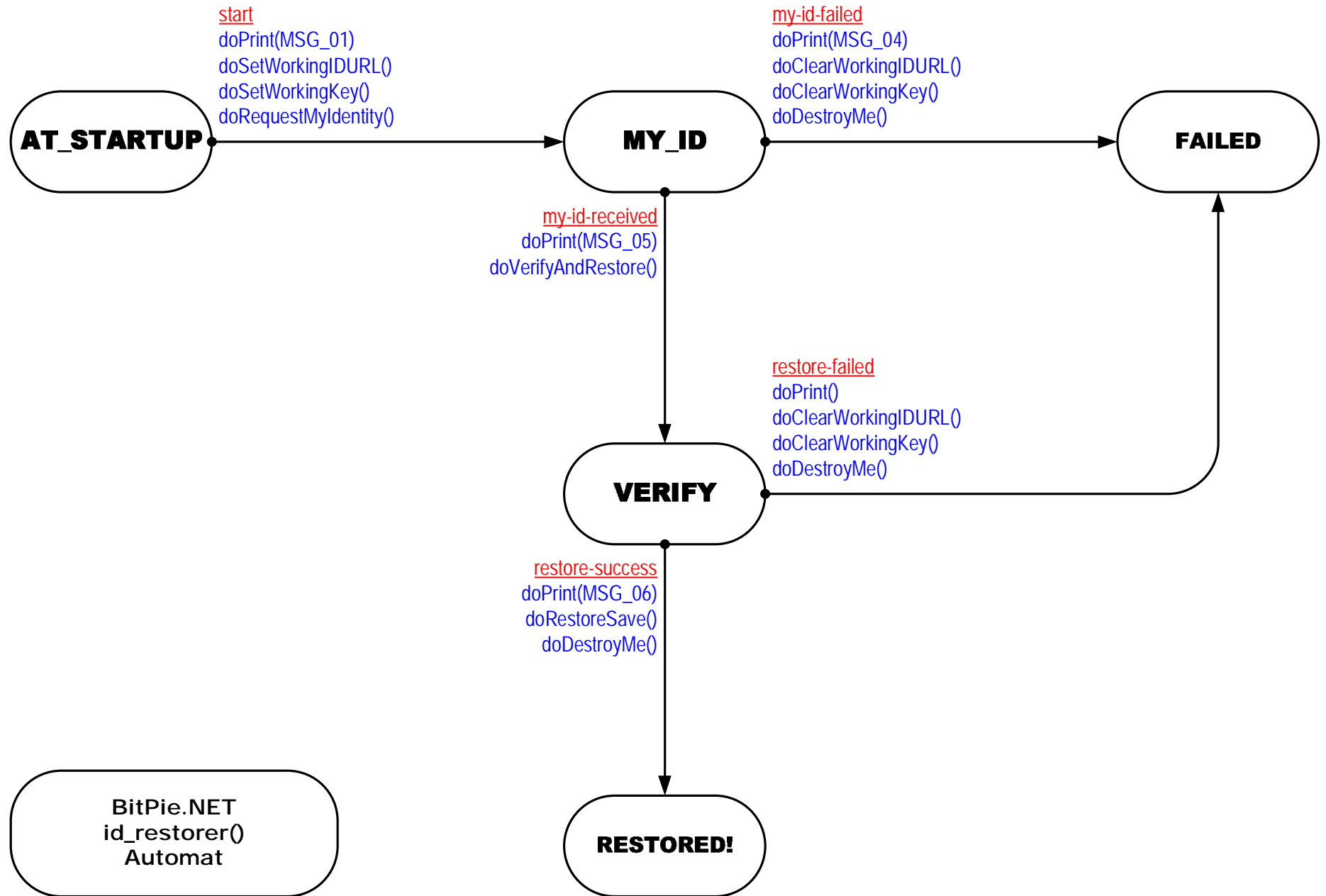


BitPie.NET  
install\_wizard()  
Automat

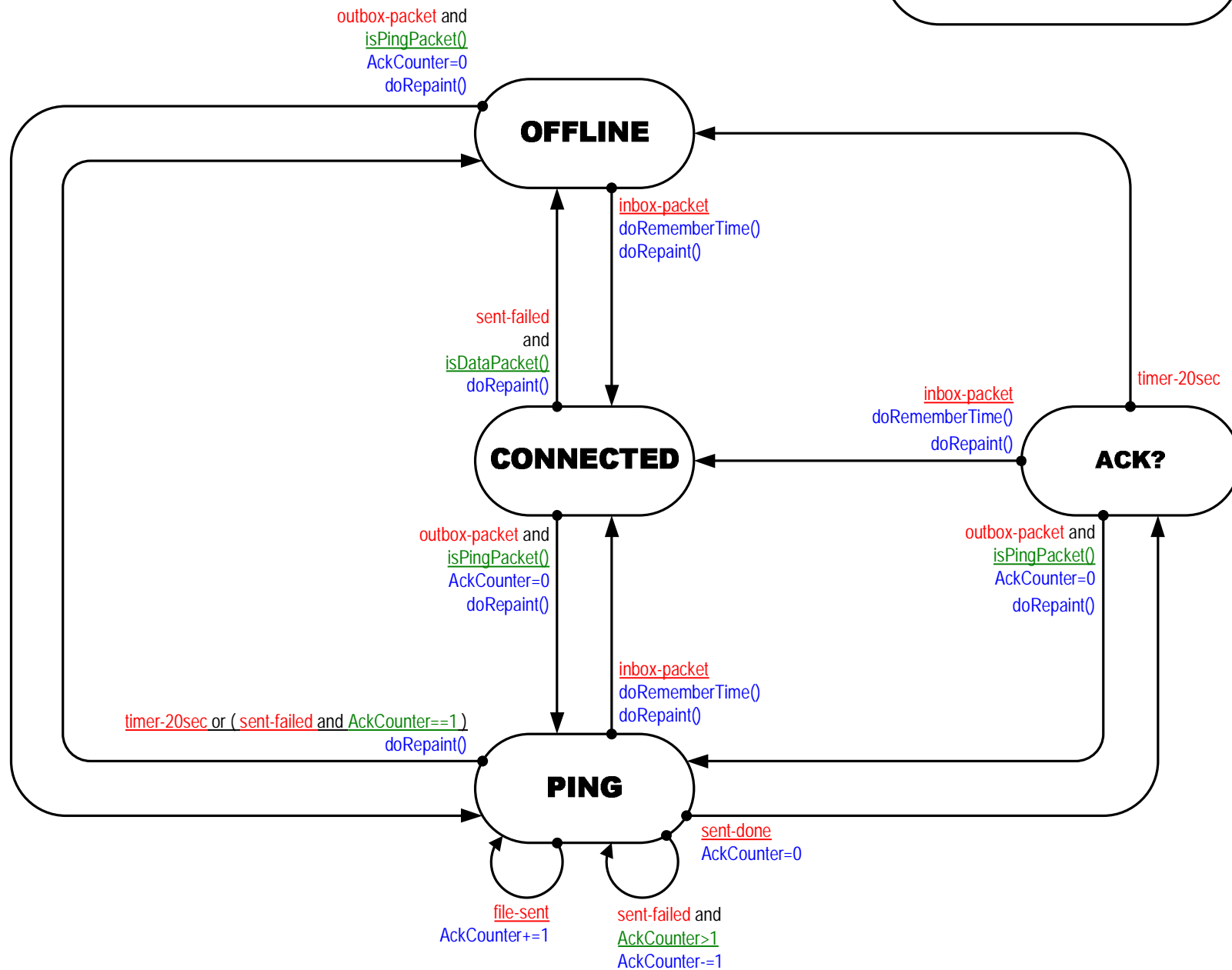




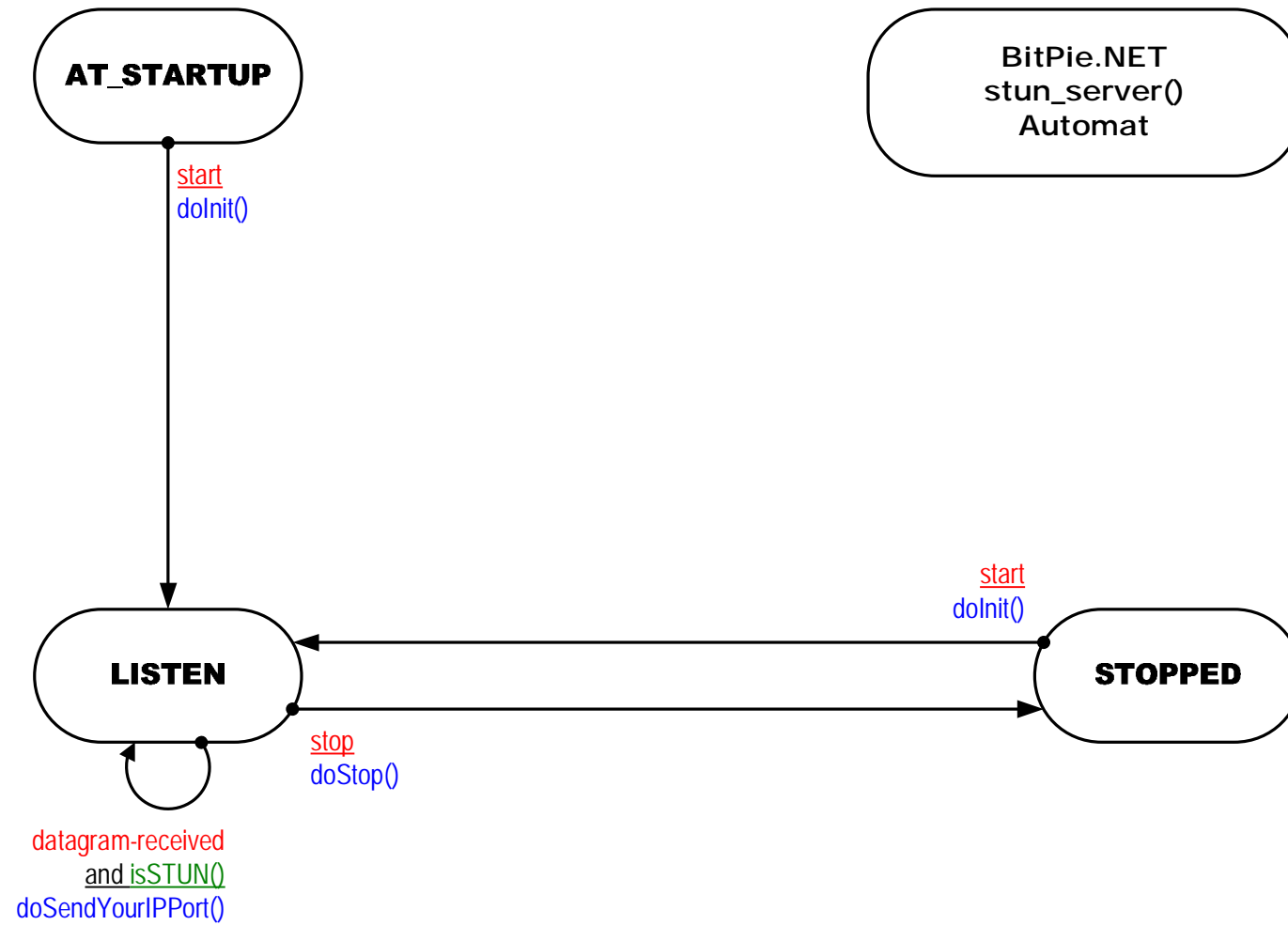


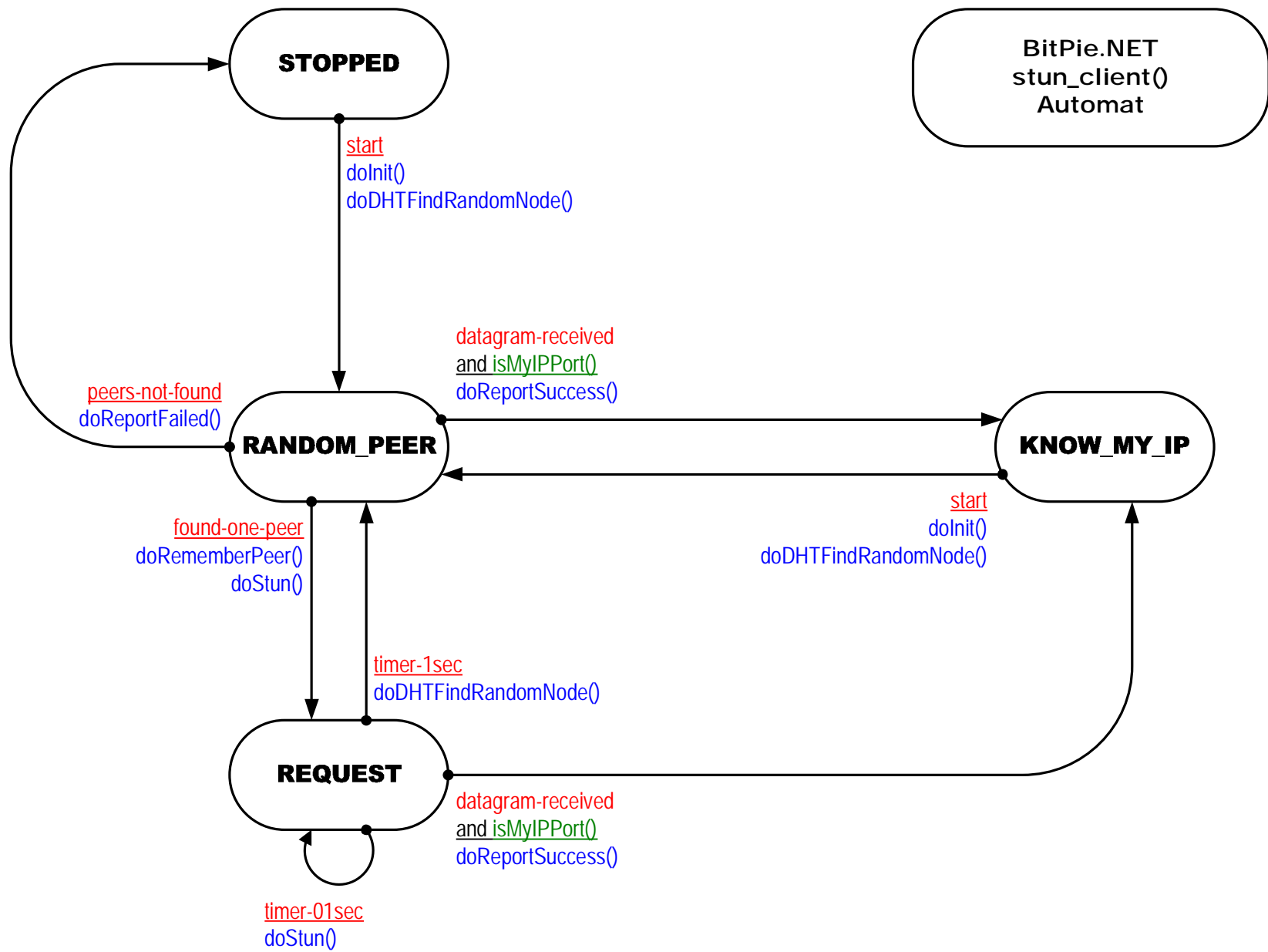


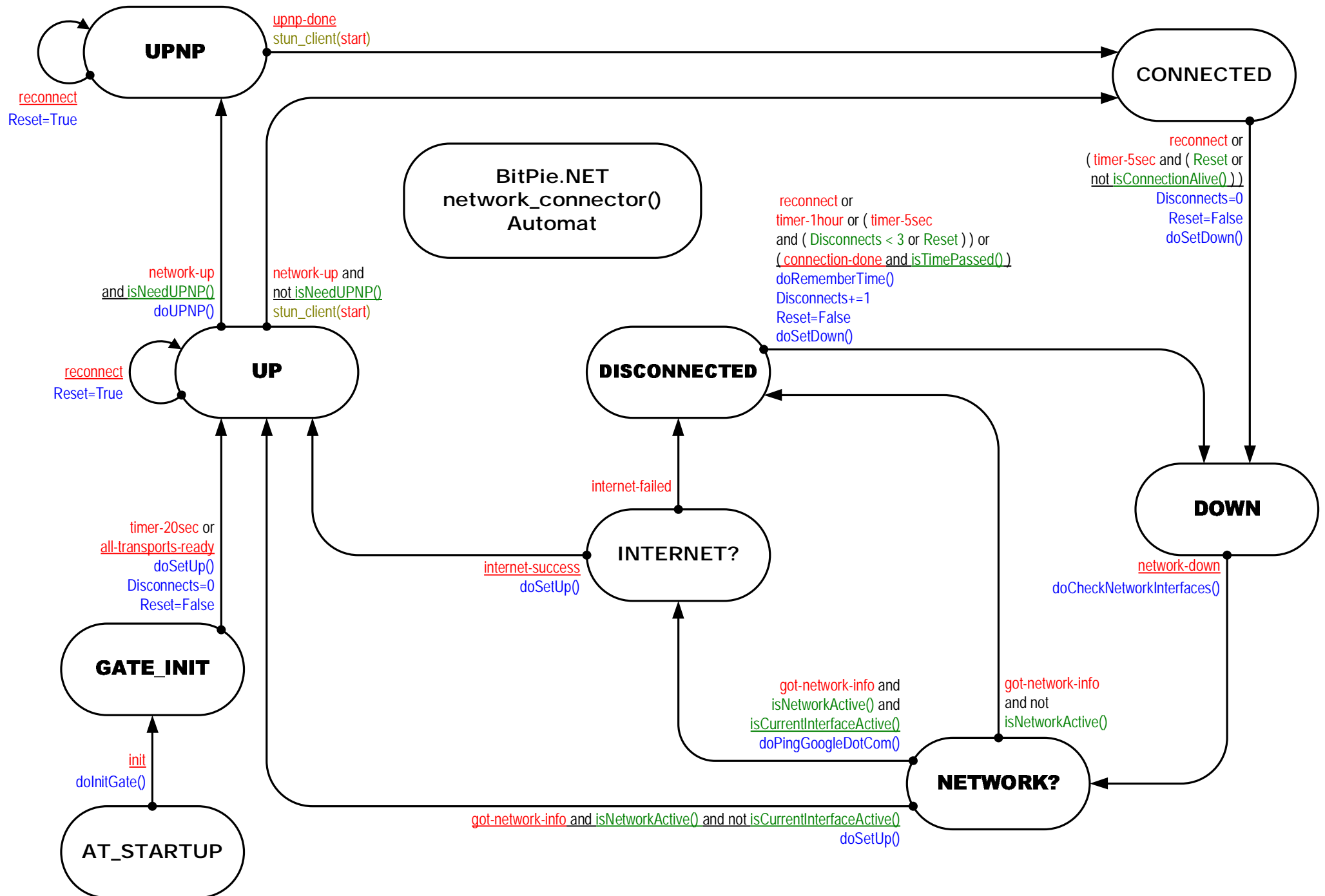
BitPie.NET  
contact\_status()  
Automat

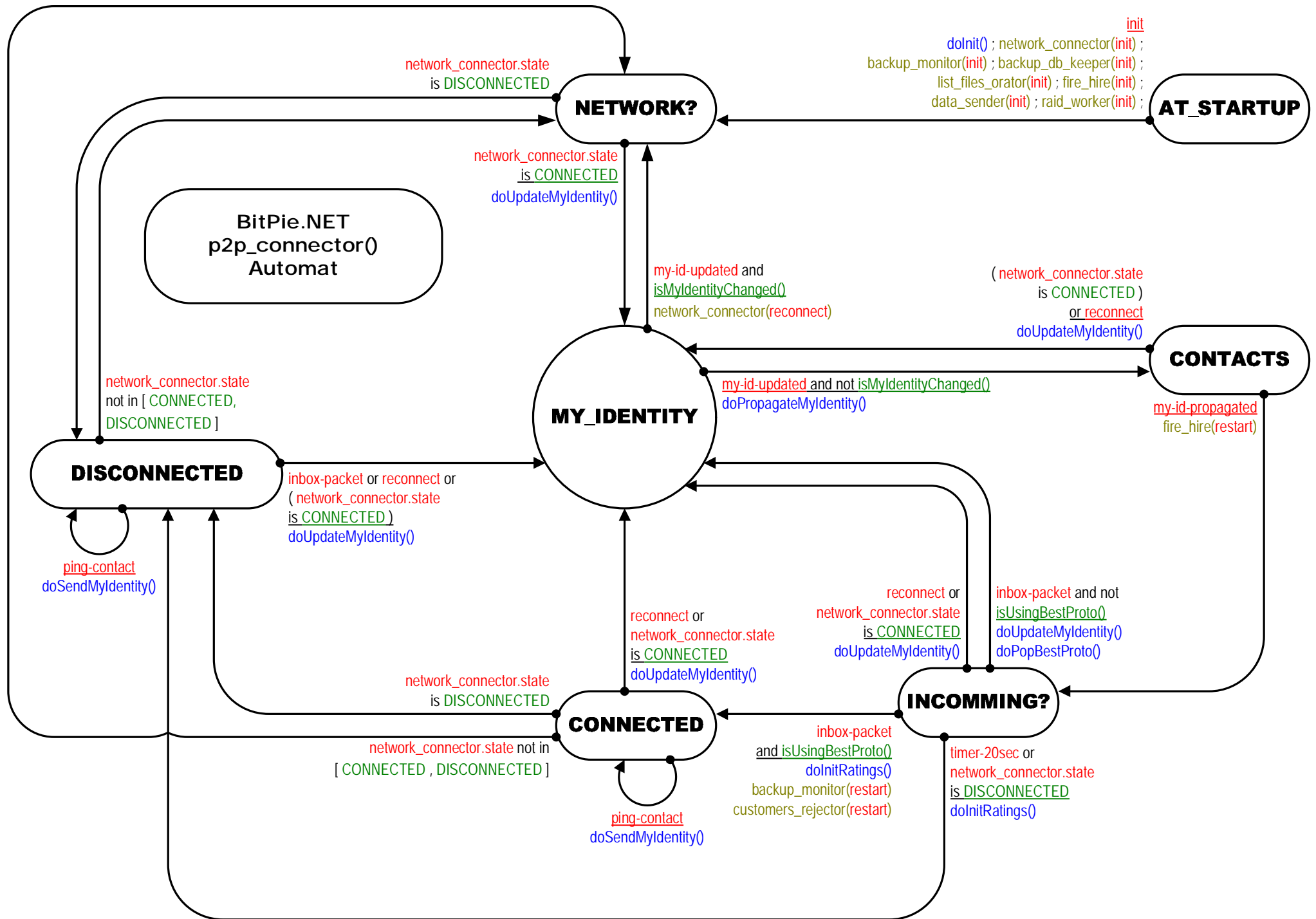




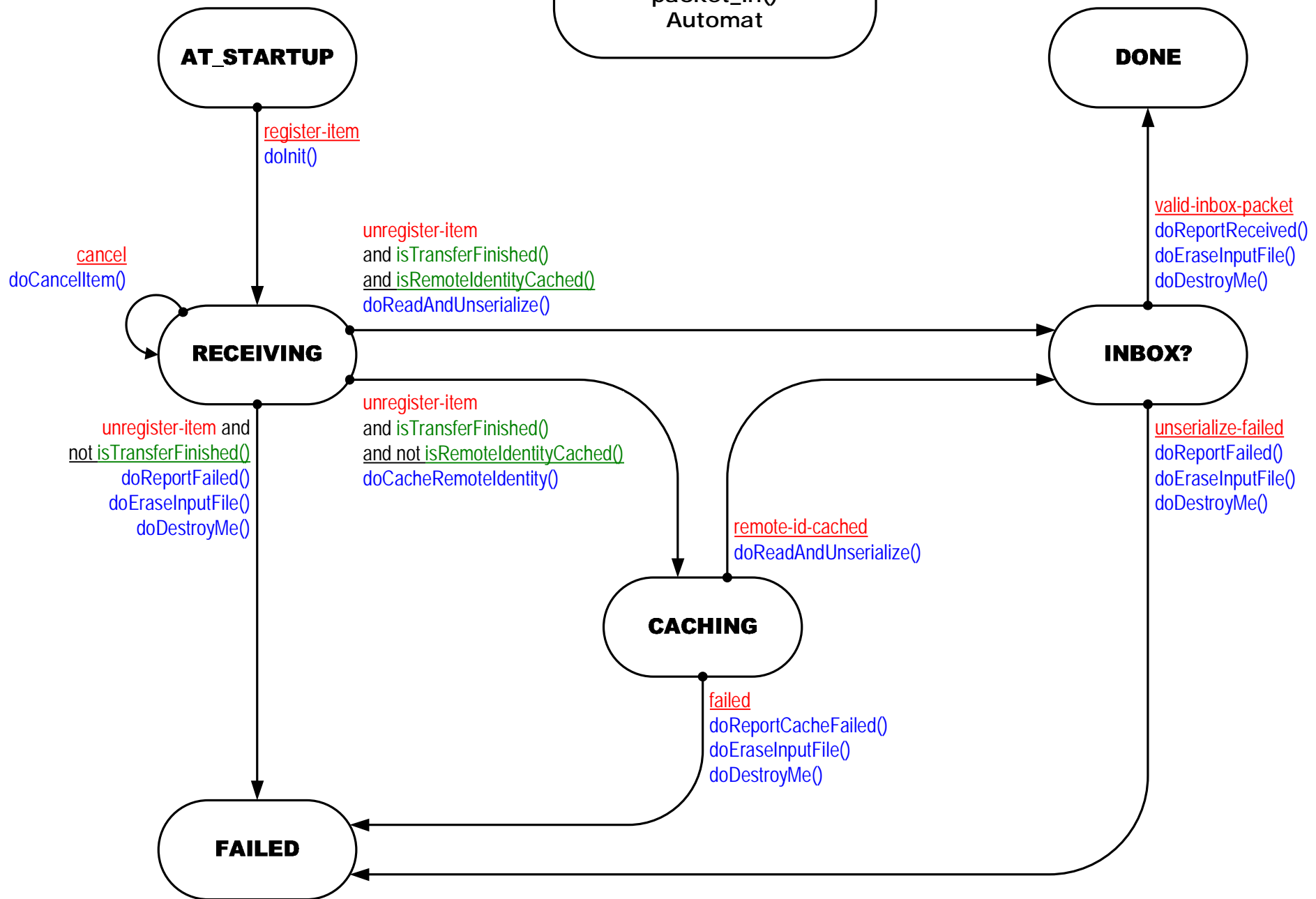


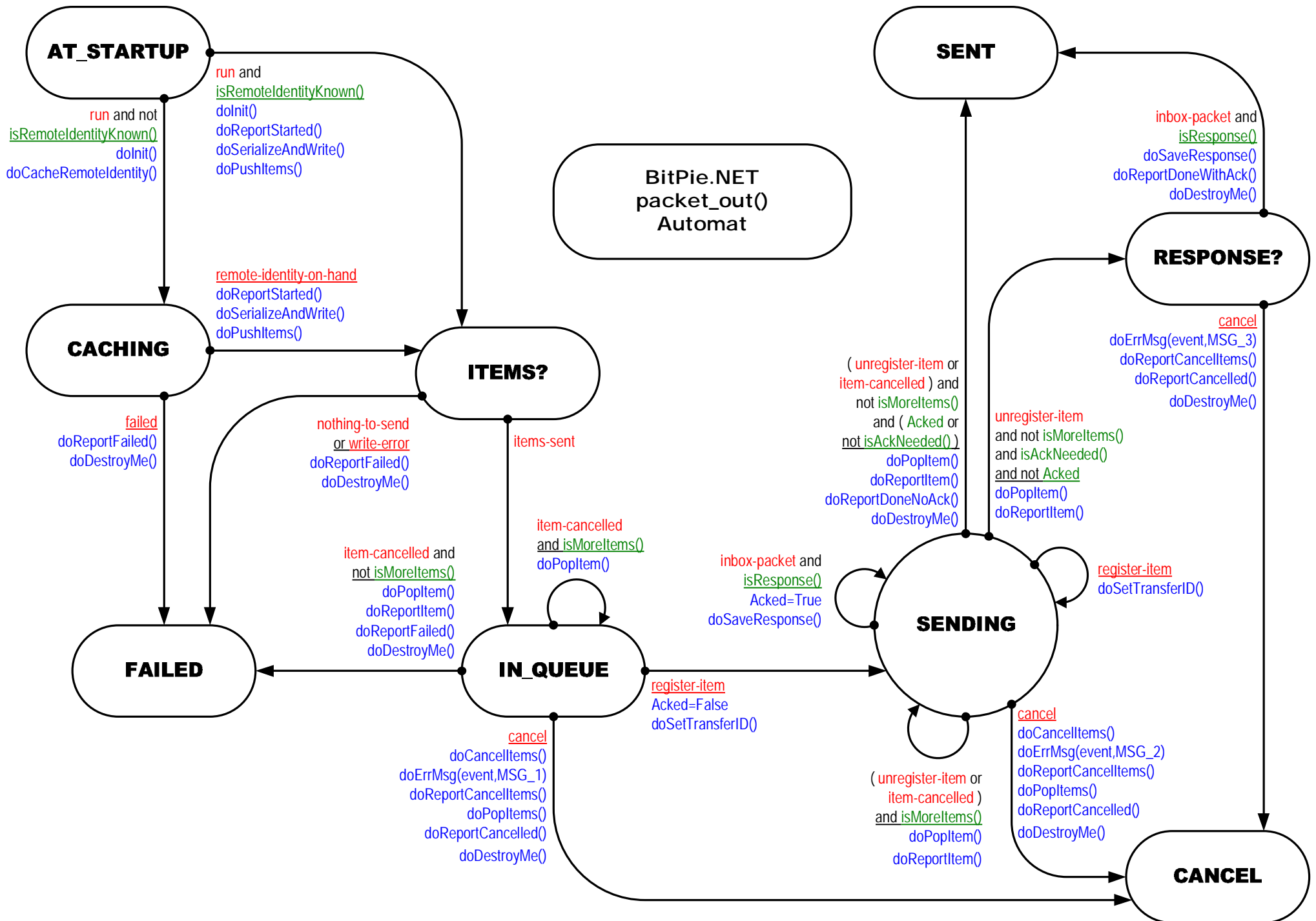


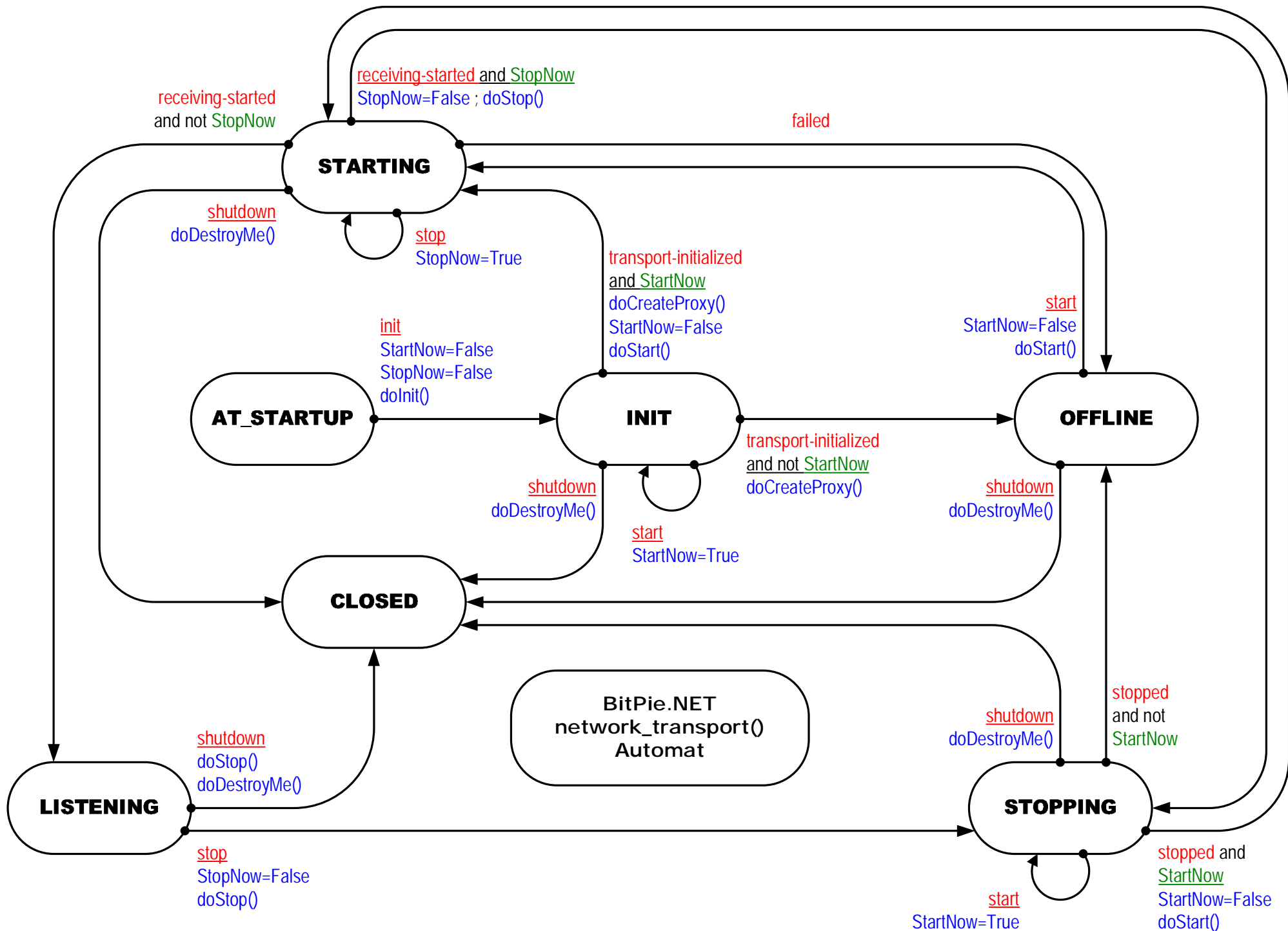


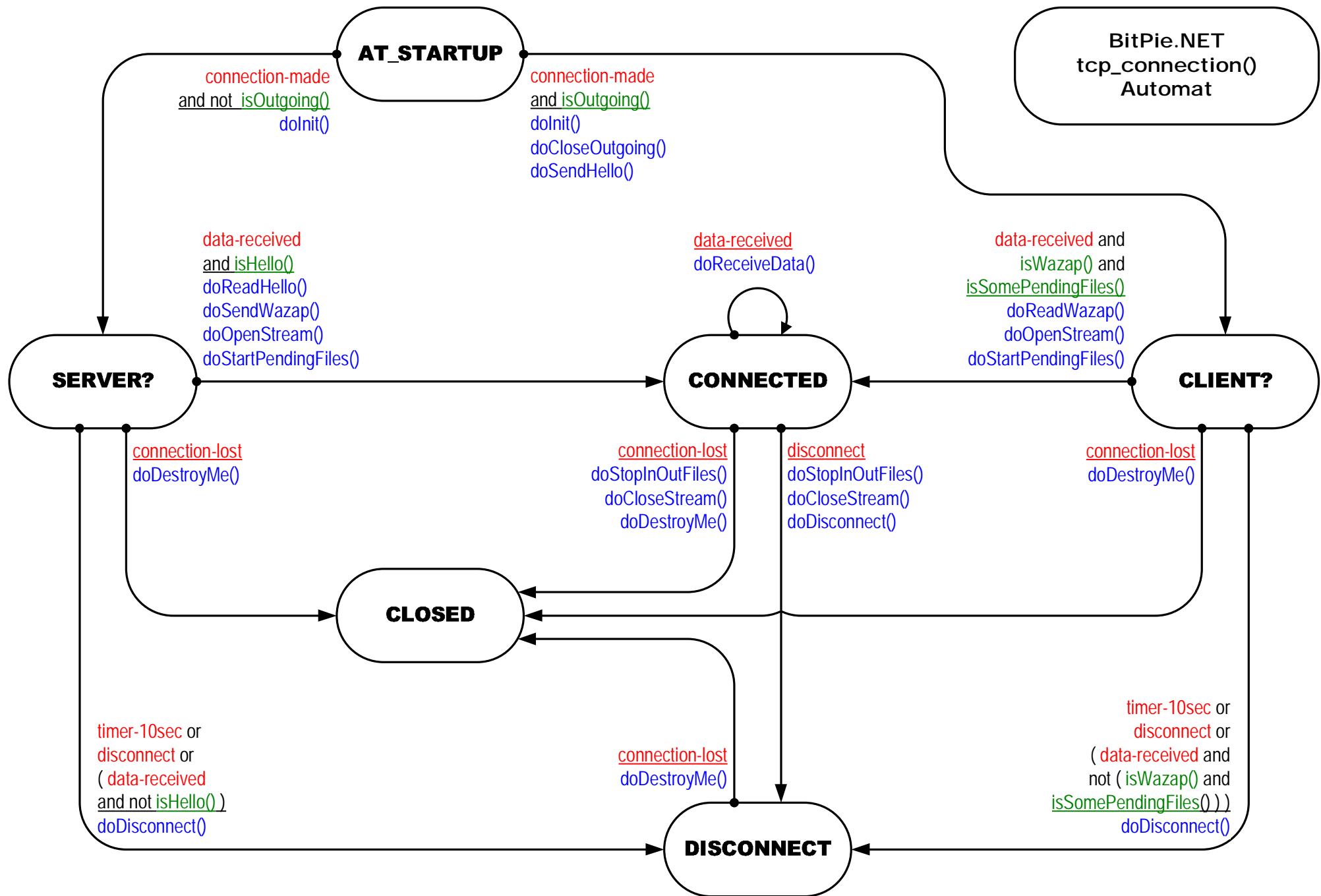


BitPie.NET  
packet\_in()  
Automat

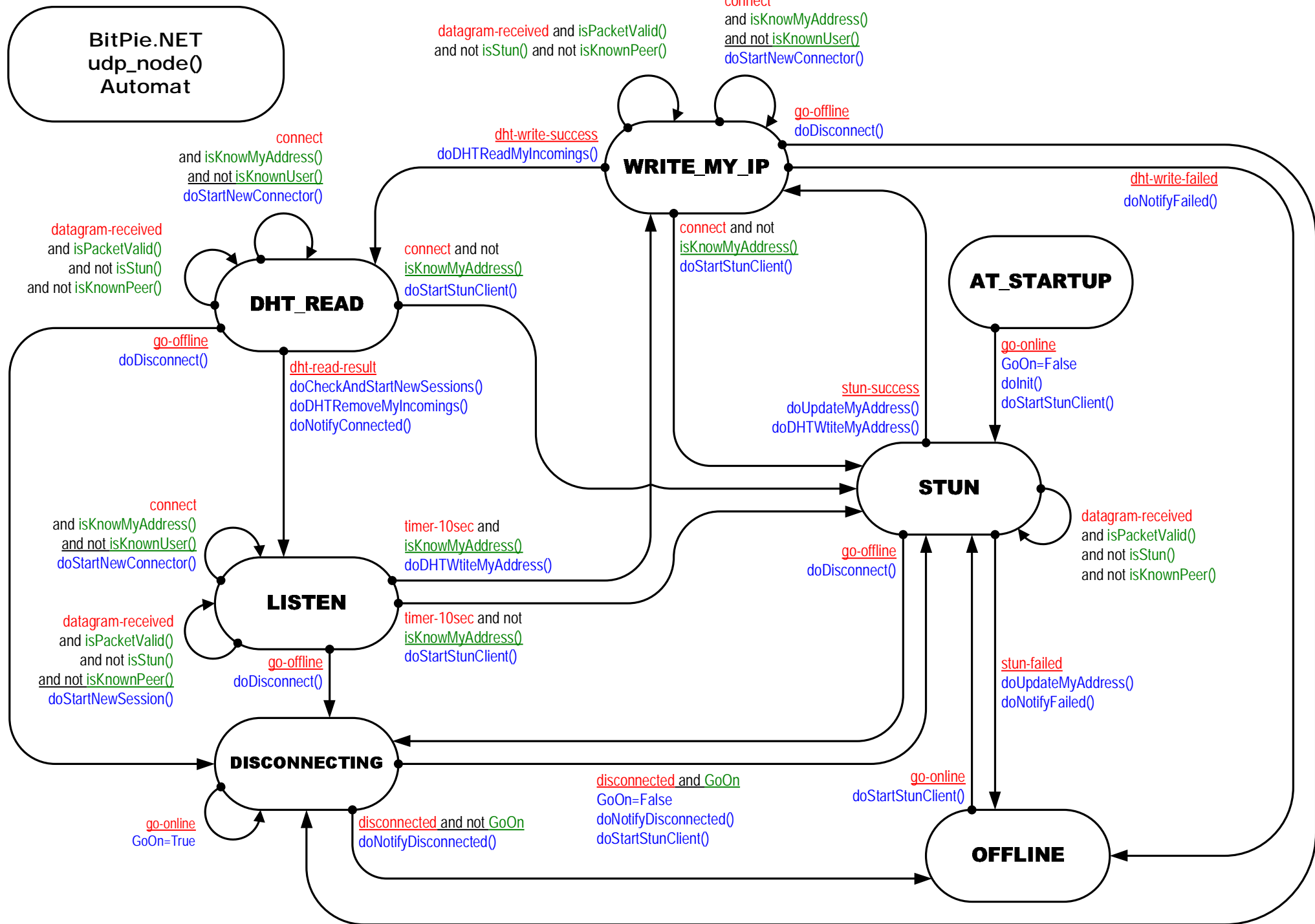


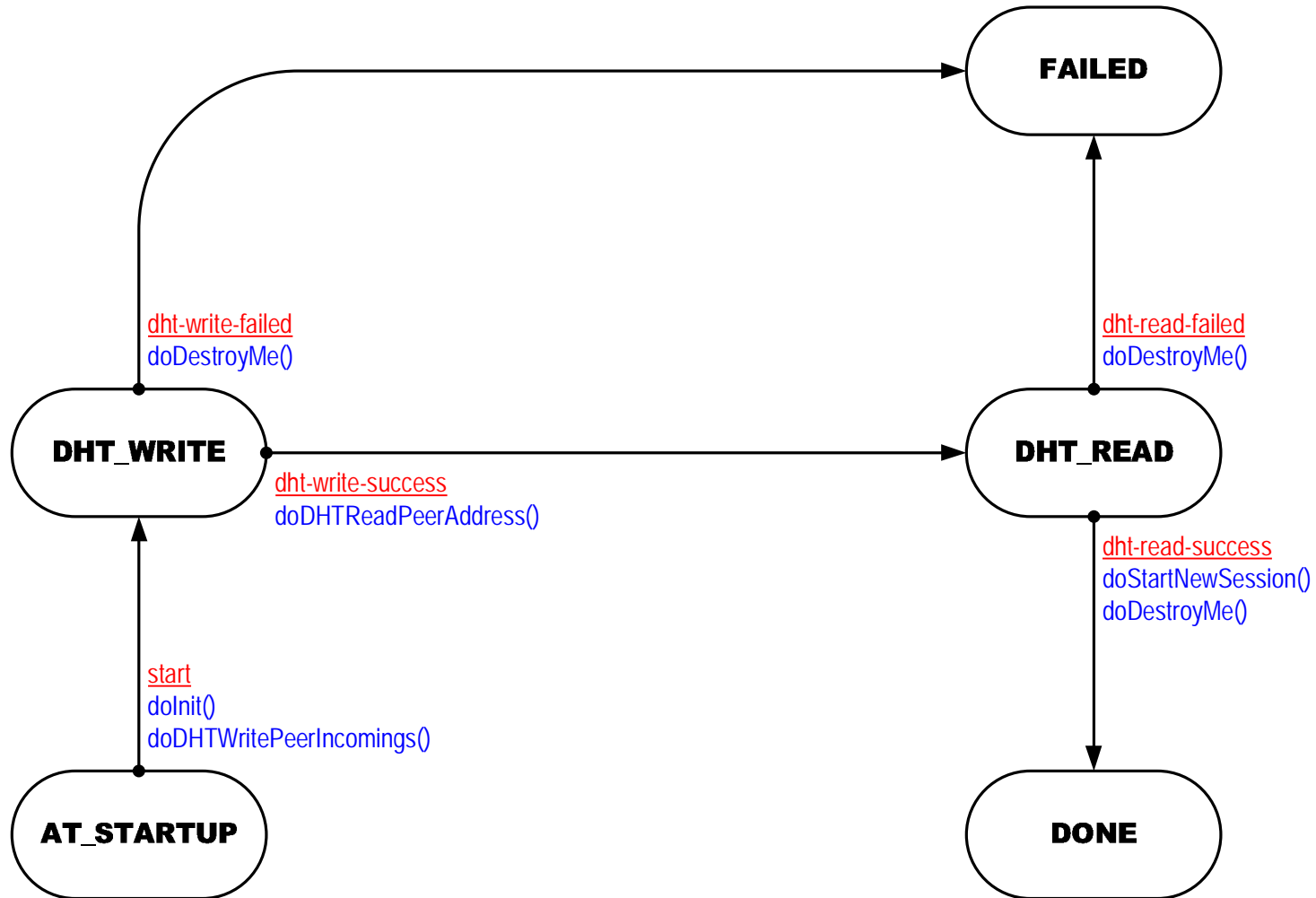








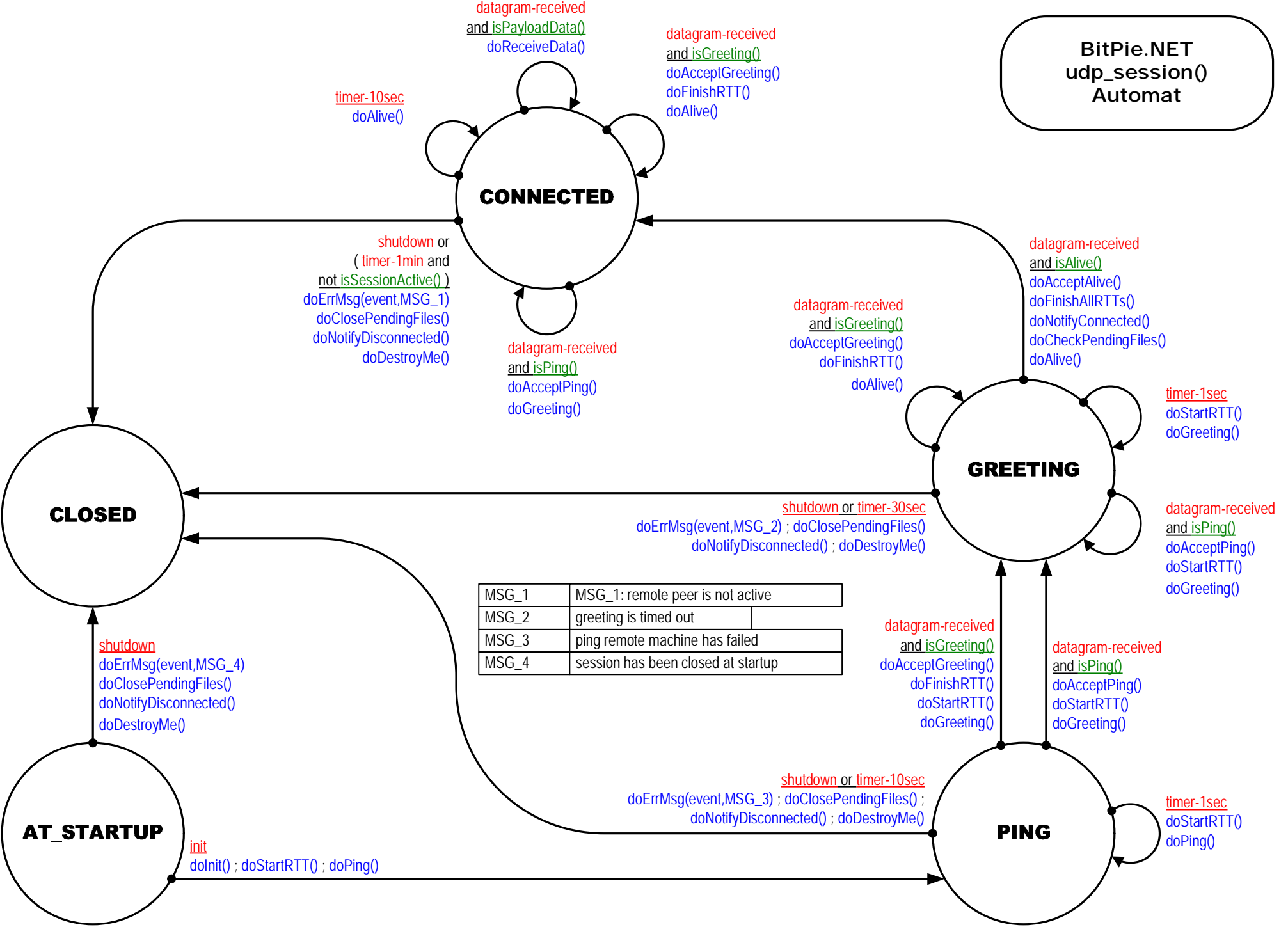




BitPie.NET

udp\_session()

Automat



AT\_STARTUP

CLOSED

CONNECTED

GREETING

PING

init  
doInit() ; doStartRTT() ; doPing()

shutdown  
doErrMsg(event,MSG\_4)  
doClosePendingFiles()  
doNotifyDisconnected()  
doDestroyMe()

shutdown or timer-10sec  
doErrMsg(event,MSG\_3) ; doClosePendingFiles() ;  
doNotifyDisconnected() ; doDestroyMe()

datagram-received  
and isGreeting()  
doAcceptGreeting()  
doFinishRTT()  
doStartRTT()  
doGreeting()

datagram-received  
and isPing()  
doAcceptPing()  
doStartRTT()  
doGreeting()

timer-1sec  
doStartRTT()  
doPing()

shutdown or timer-30sec  
doErrMsg(event,MSG\_2) ; doClosePendingFiles()  
doNotifyDisconnected() ; doDestroyMe()

datagram-received  
and isPing()  
doAcceptPing()  
doStartRTT()  
doGreeting()

timer-1sec  
doStartRTT()  
doGreeting()

datagram-received  
and isAlive()  
doAcceptAlive()  
doFinishAllRTTs()  
doNotifyConnected()  
doCheckPendingFiles()  
doAlive()

datagram-received  
and isGreeting()  
doAcceptGreeting()  
doFinishRTT()  
doAlive()

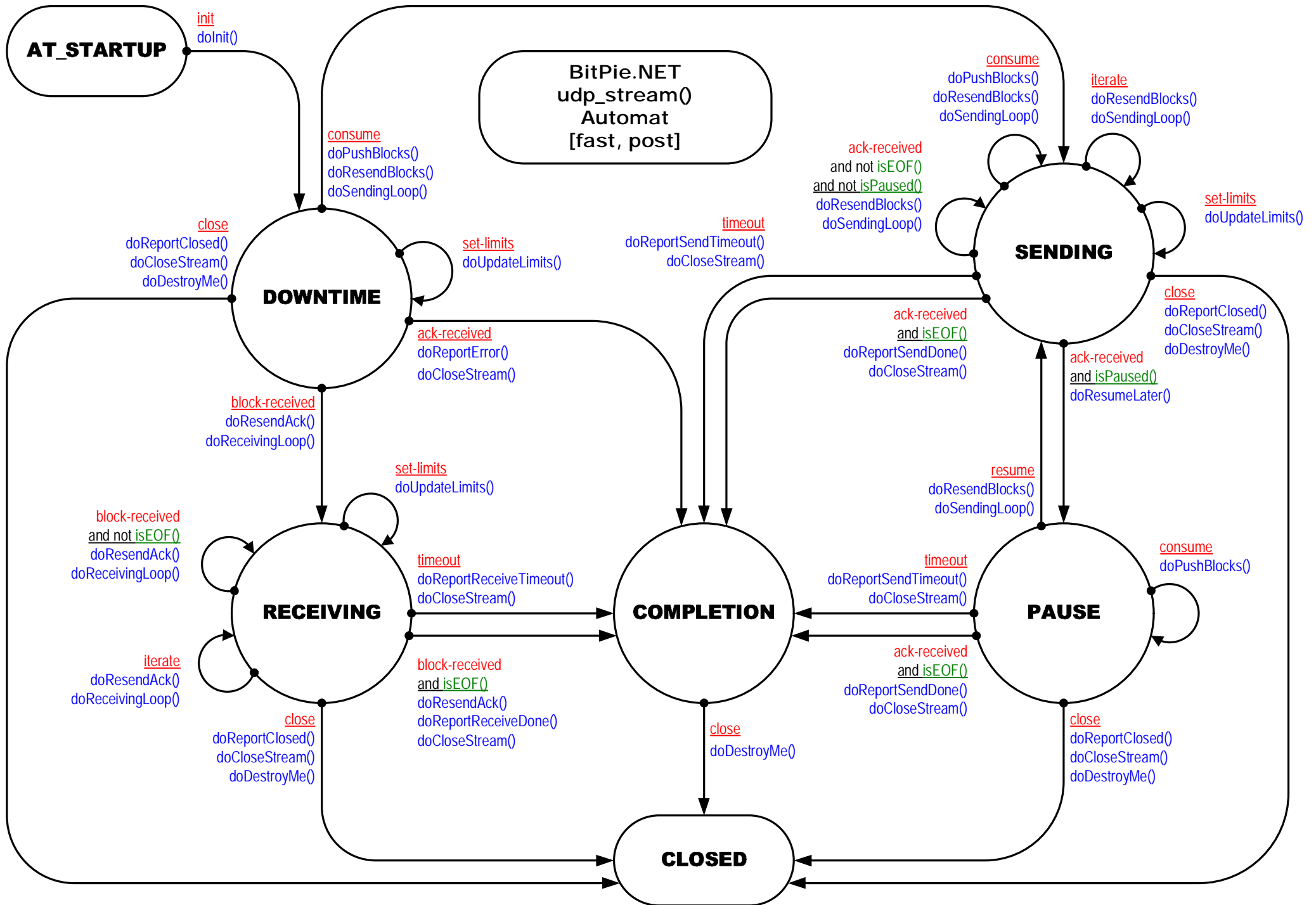
datagram-received  
and isPing()  
doAcceptPing()  
doGreeting()

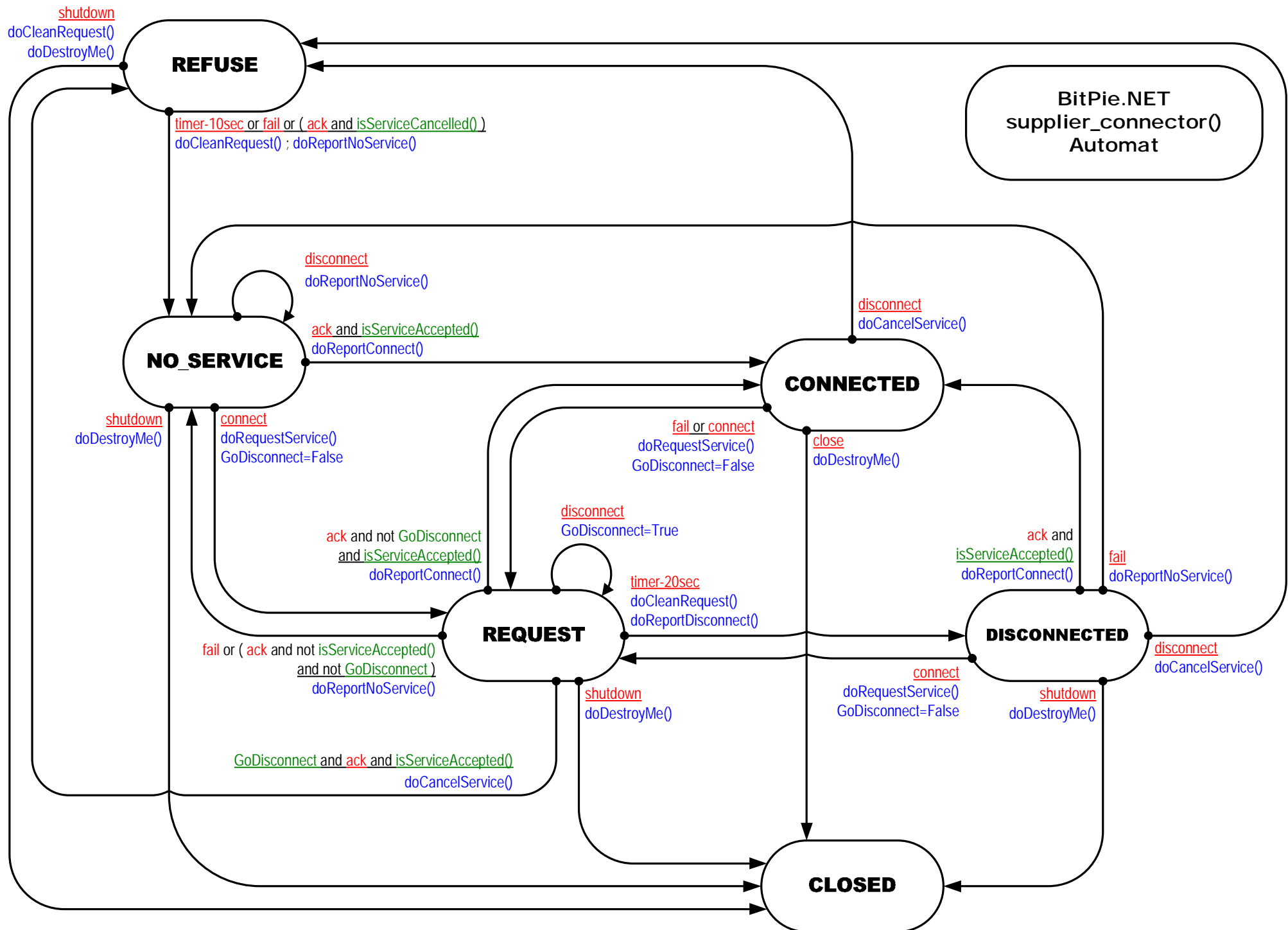
timer-10sec  
doAlive()

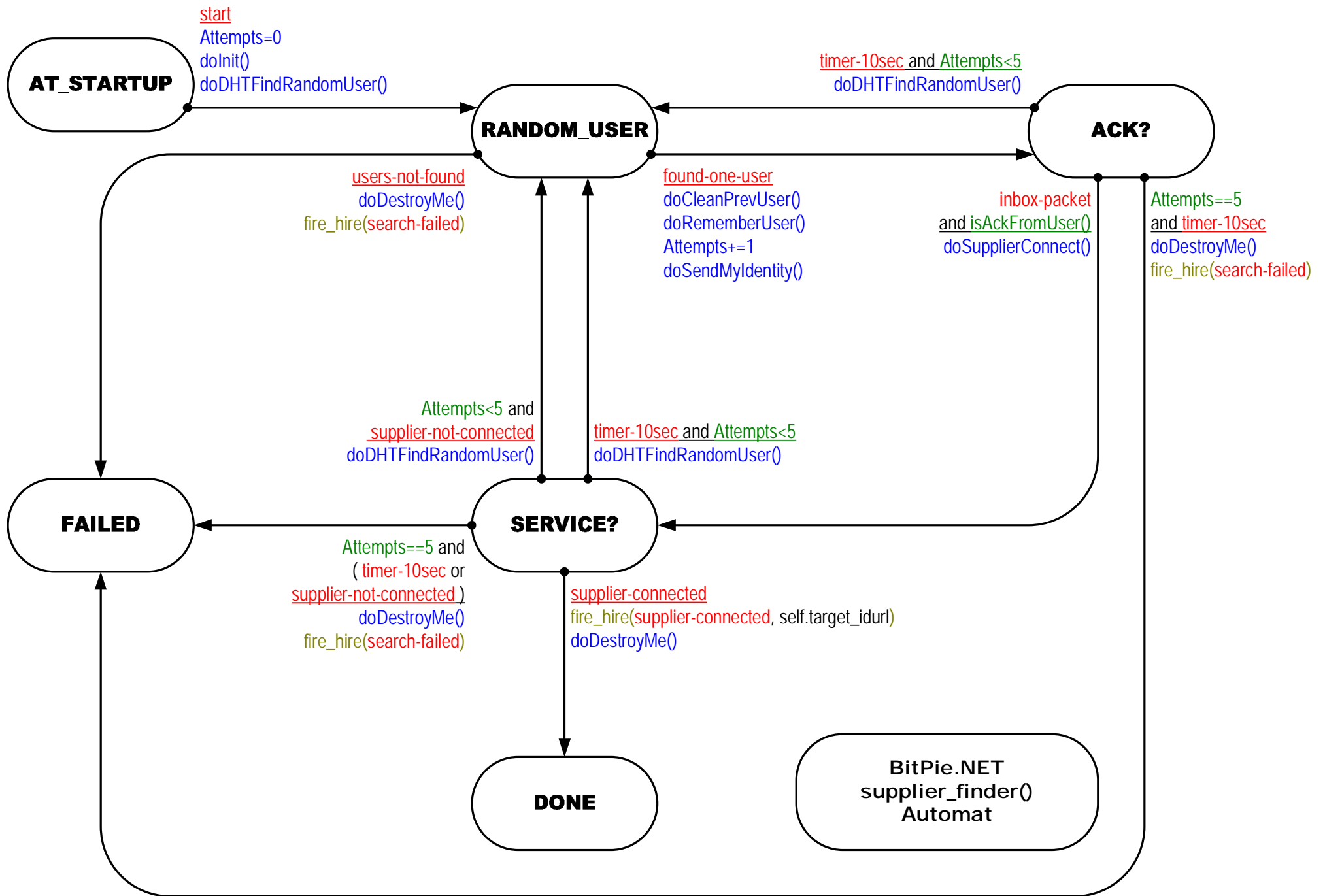
datagram-received  
and isPayloadData()  
doReceiveData()

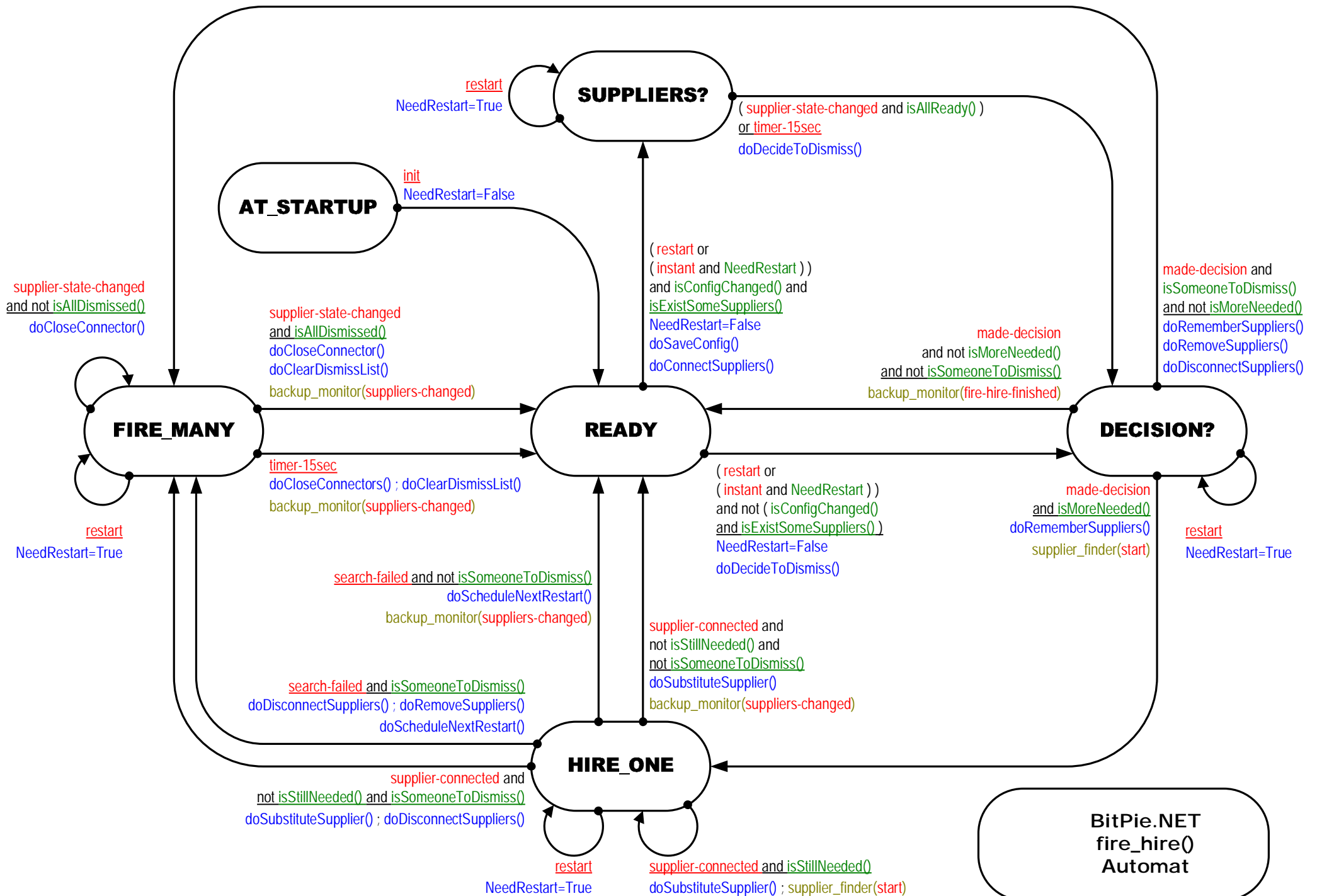
datagram-received  
and isGreeting()  
doAcceptGreeting()  
doFinishRTT()  
doAlive()

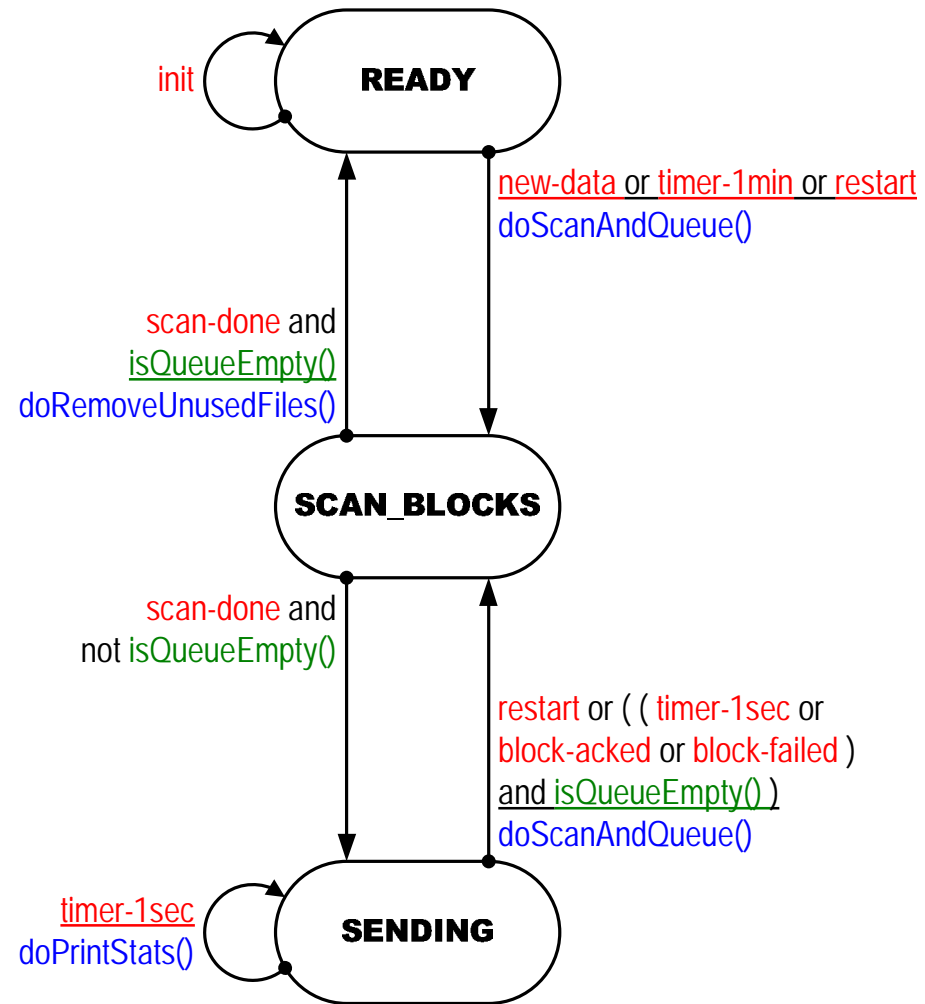
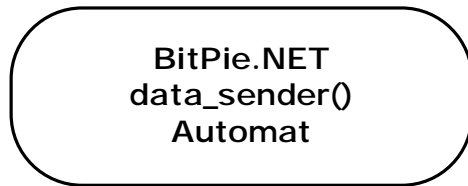
shutdown or  
( timer-1min and  
not isSessionActive() )  
doErrMsg(event,MSG\_1)  
doClosePendingFiles()  
doNotifyDisconnected()  
doDestroyMe()



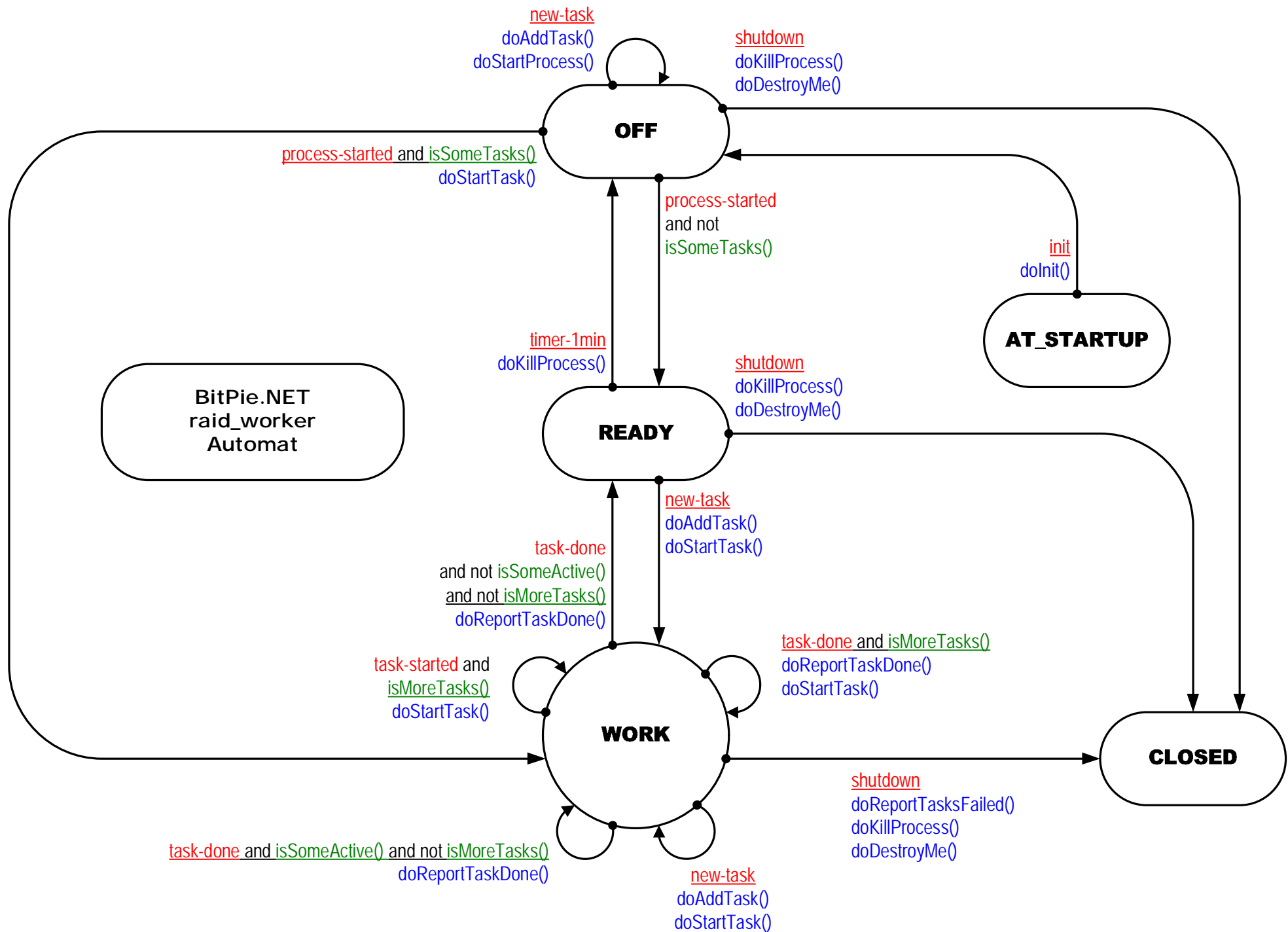


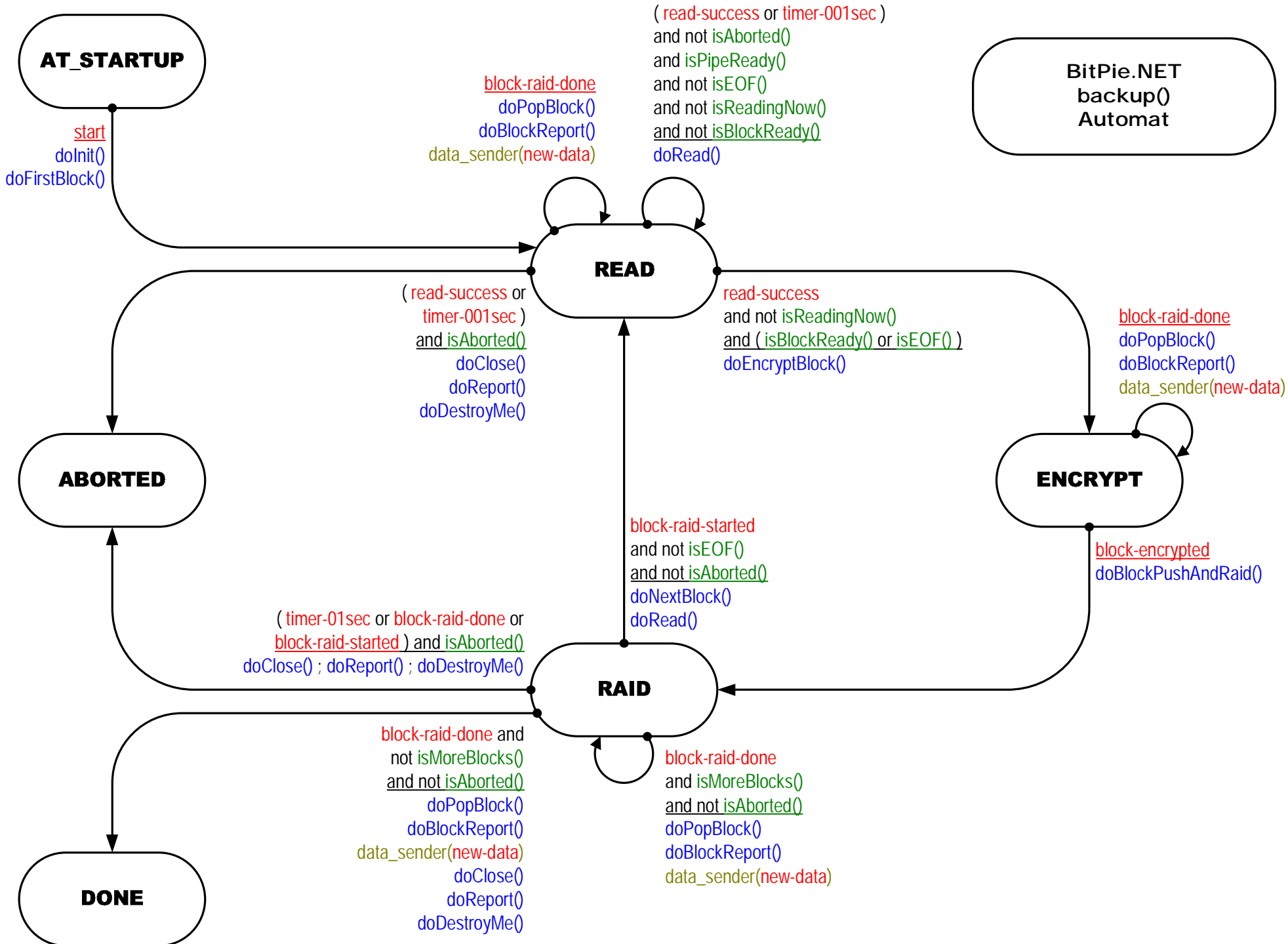




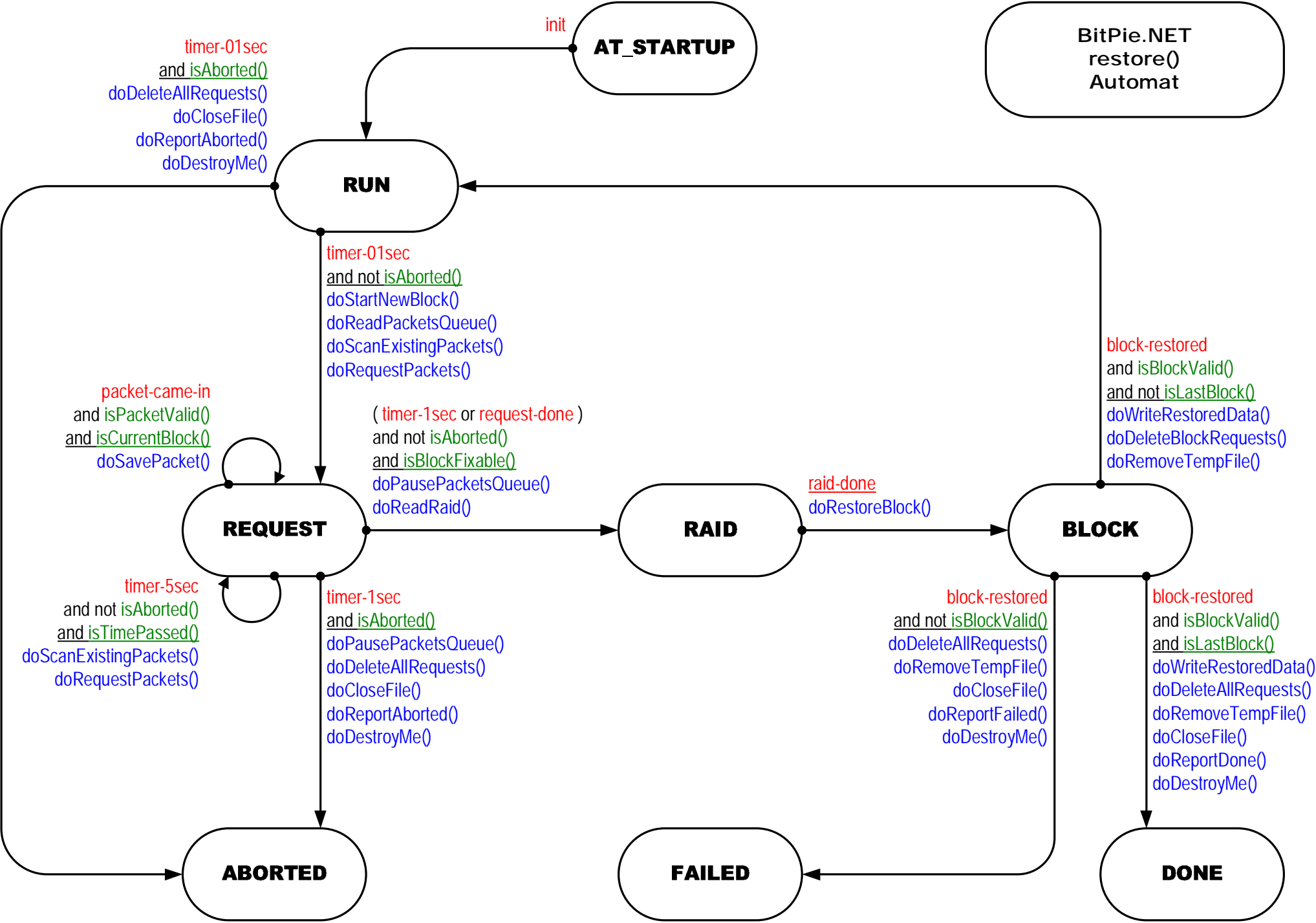


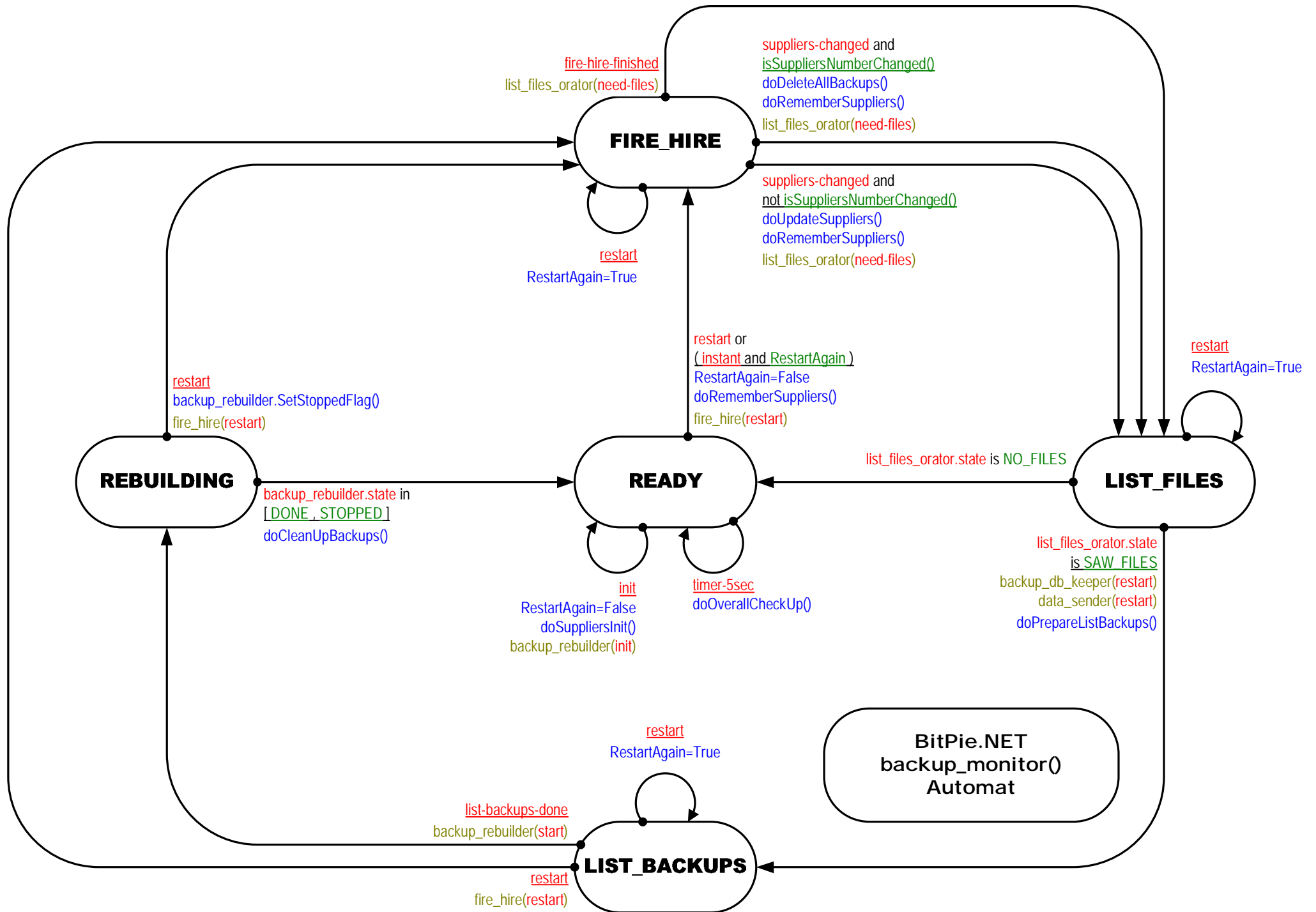


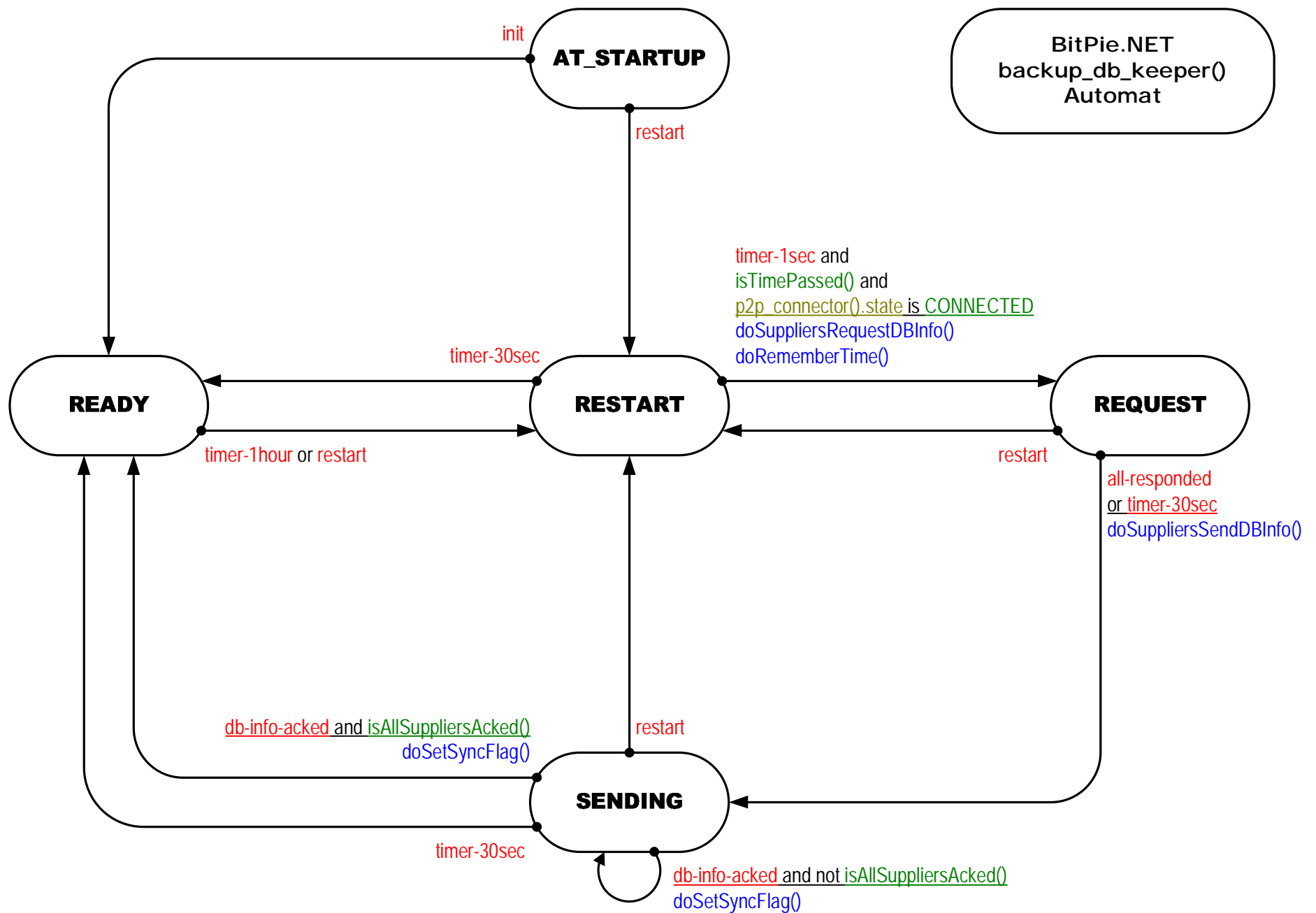




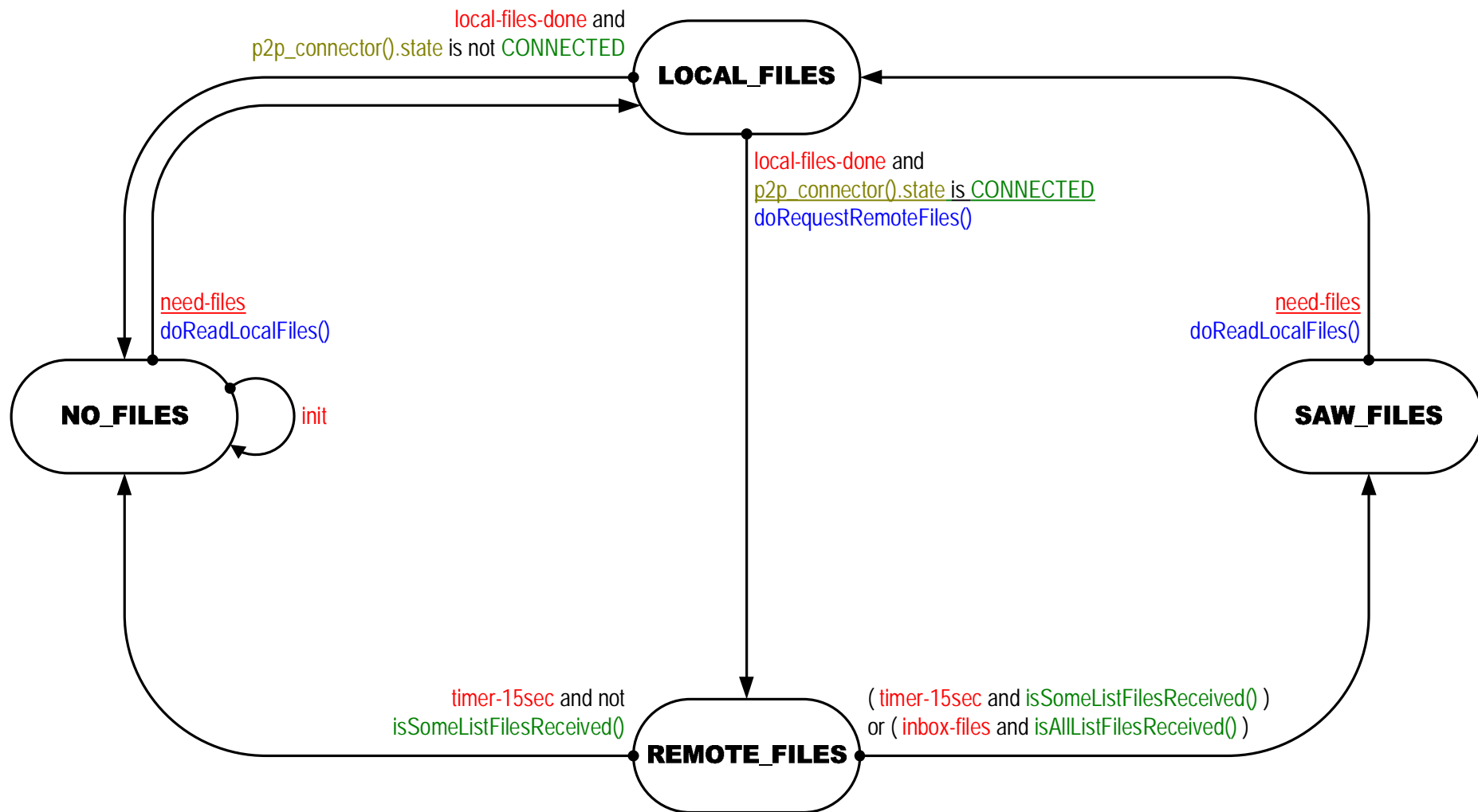
BitPie.NET  
restore()  
Automat

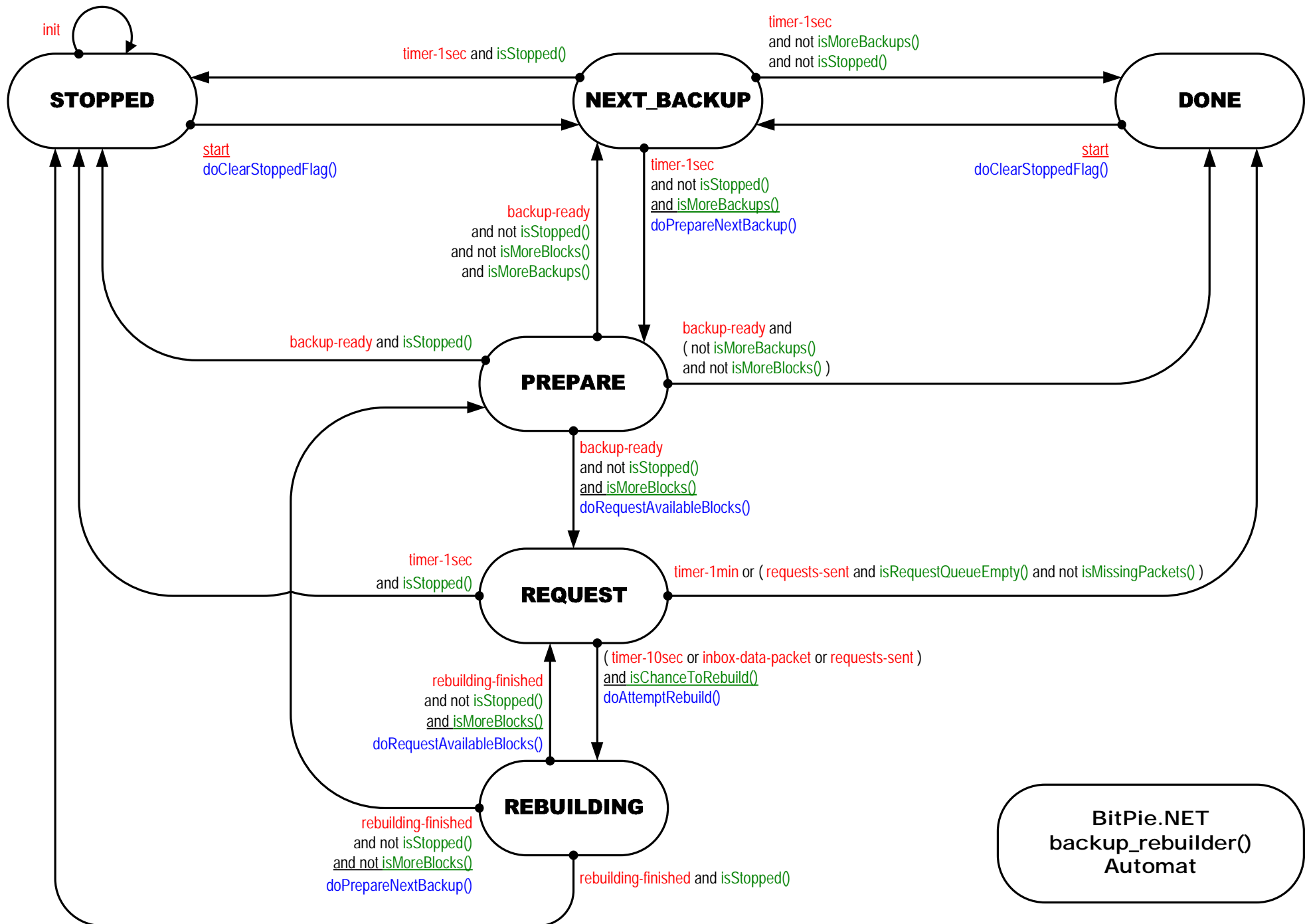


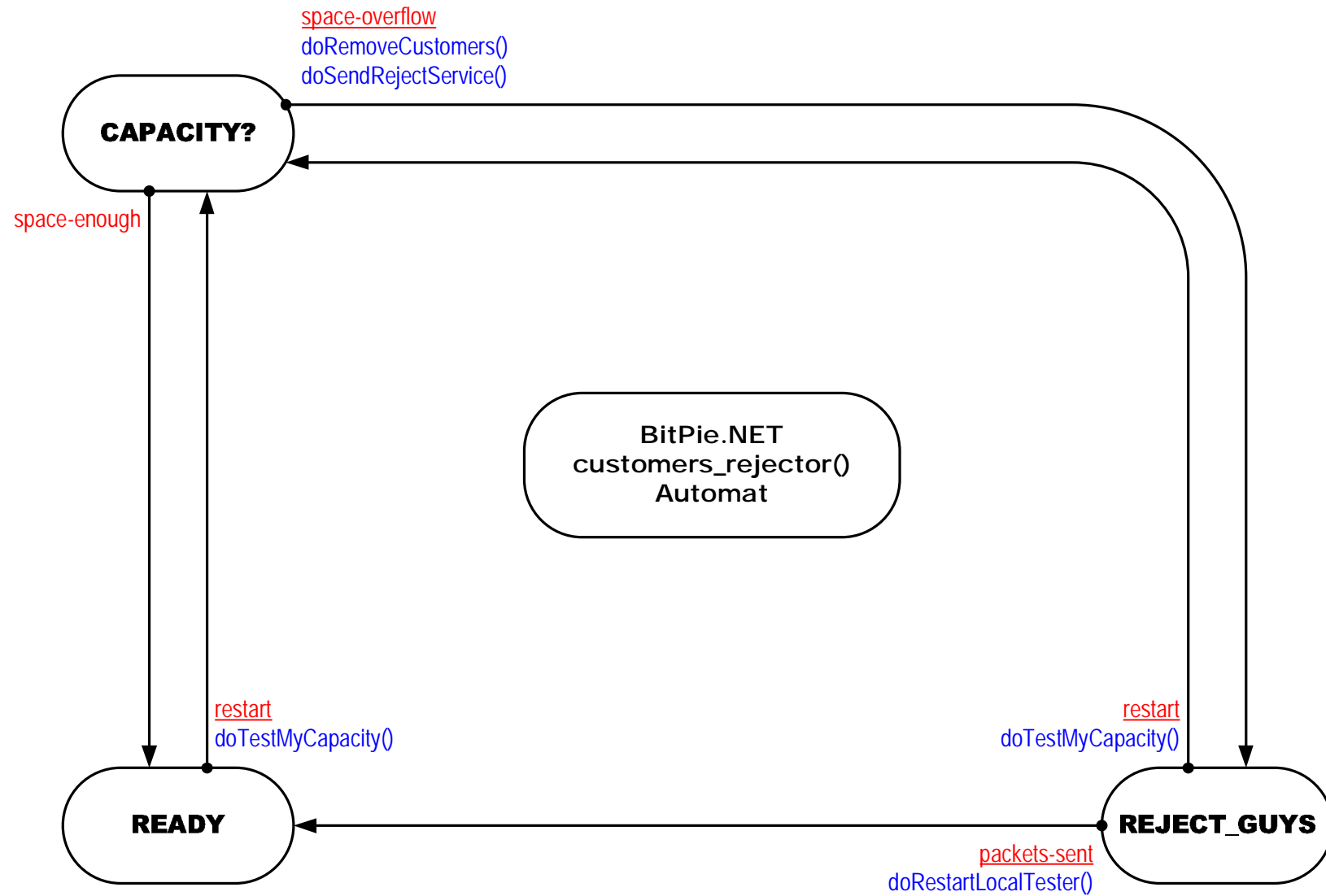




BitPie.NET  
list\_files\_orator()  
Automat

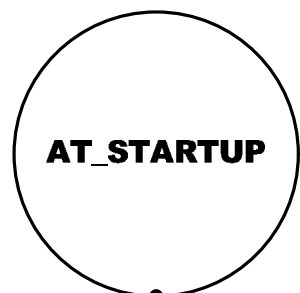








BitPie.NET  
nickname\_holder()  
Automat



set  
doSetNickname()  
doMakeKey()  
doDHTReadKey()

dht-read-success  
and isMyOwnKey()  
doReportNicknameOwn()

DHT\_READ

dht-read-success and  
not isMyOwnKey()  
doReportNicknameExist()  
doNextKey()  
doDHTReadKey()

set  
doSetNickname()  
doMakeKey()  
doDHTReadKey()

dht-read-failed  
Attempts=0  
doDHTWriteKey()

dht-write-failed and Attempts>5  
Attempts=0  
doReportNicknameFailed()

DHT\_WRITE

dht-write-failed and Attempts<=5  
Attempts+=1  
doNextKey()  
doDHTReadKey()

set  
doSetNickname()  
doMakeKey()  
doDHTReadKey()

READY

set or timer-5min  
doDHTeraseKey()  
doSetNickname()  
doMakeKey()  
doDHTReadKey()

dht-write-success  
Attempts=0  
doReportNicknameRegistered()

