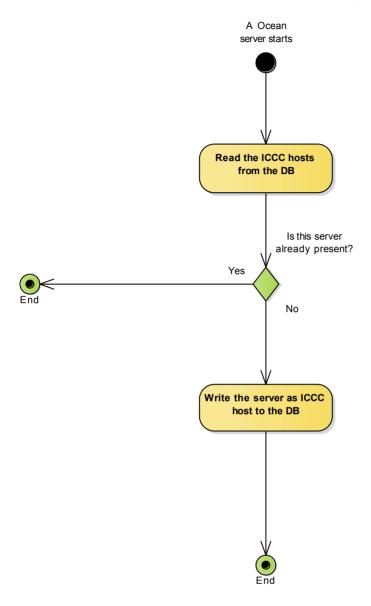
Ocean's ICCC Terminologies

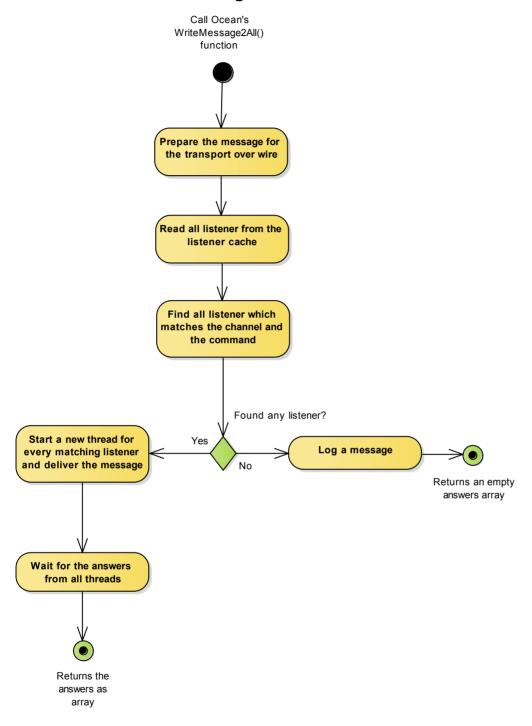
Listener := An ICCC command at a given channel which is located on any or all of the servers Host := An ICCC host is a server which provides at least one ICCC command. Thus, any host provides at least one listener.

Ocean's ICCC start-up

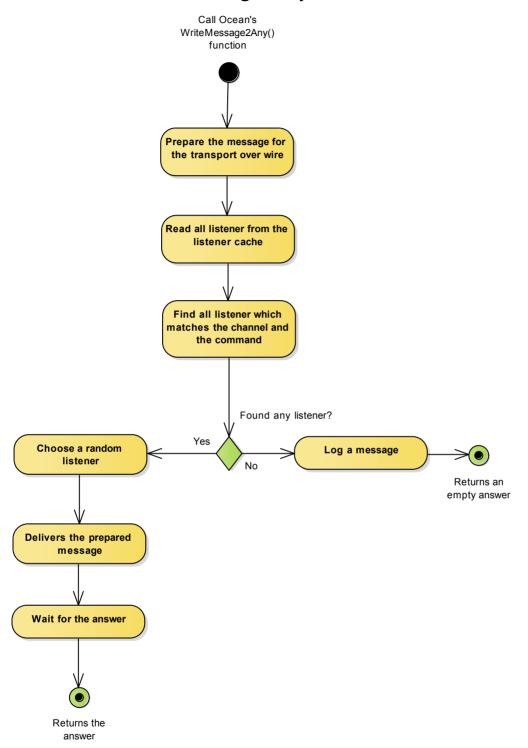


This diagram shows only the ICCC parts of Ocean's start-up process! Further, this diagram is only for Ocean true -- other external ICCC components e.g. with C#/.NET, Python, etc. are setting up differently.

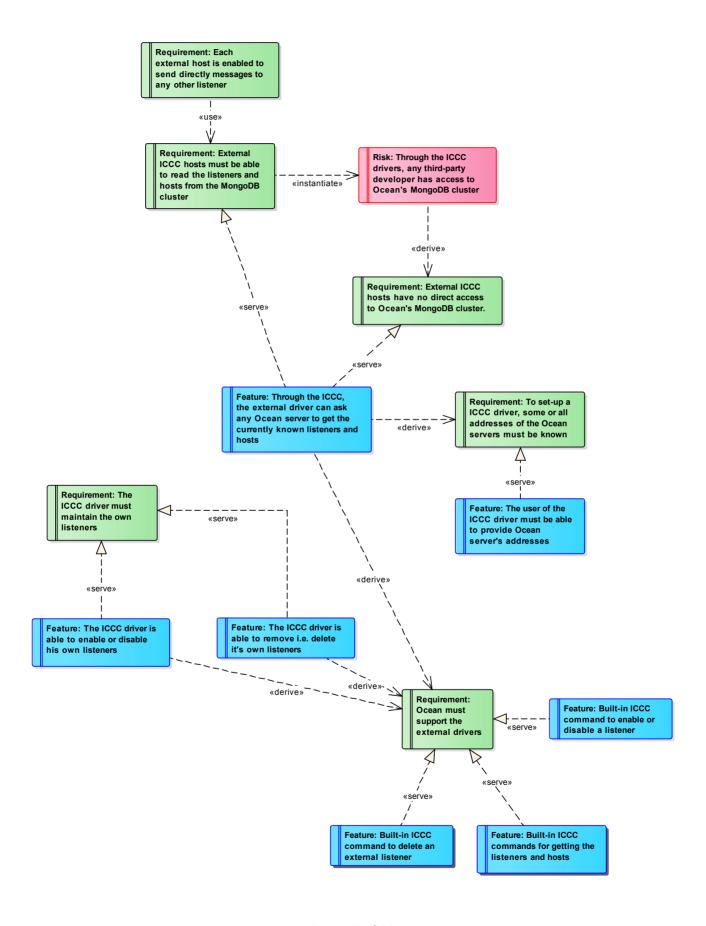
Ocean's WriteMessage2All() function



Ocean's WriteMessage2Any() function

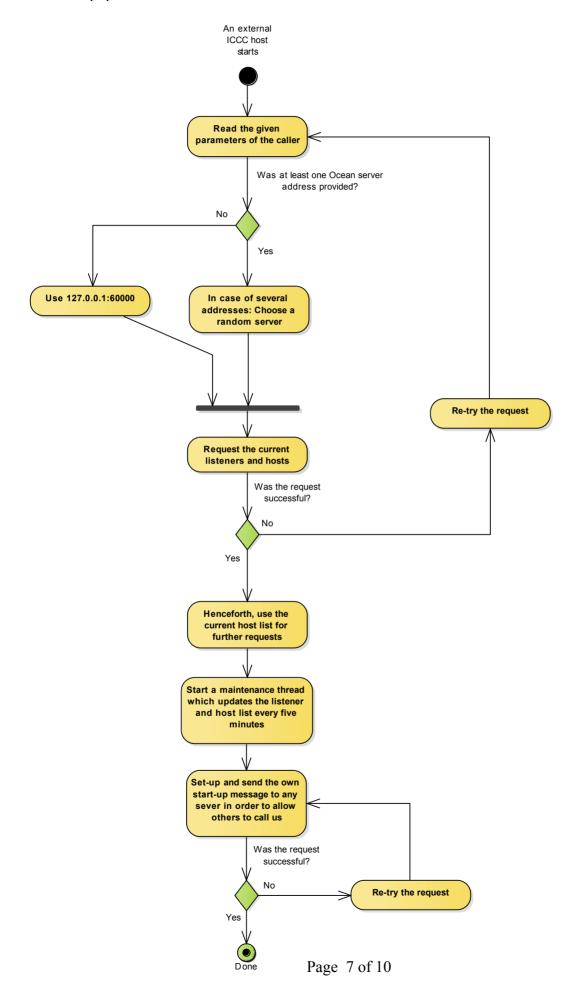


Requirements for ICCC drivers



Page 5 of 10

Start-up process for a external ICCC driver / host



Class diagram for an Ocean ICCC driver ICCC SystemMessages + ICCCConnection + ICCCAnswerNumGen + ICCCHost + ICCCDefaultAnswer + ICCCListener + ICCCGetHosts + ICCCProcessor + ICCCGetListeners + IICCCMessage + ICCCHosts + ICCCListeners + SystemMessages + ICCCNumGenNext + ICCCRegisterHost + ICCCRegisterListener (from ICCC) ICCC::ICCCConnection ICCC::ICCCL istener ICCC::ICCCHost icccHostsCache: IEnumerable<ICCCHost> channel: string hostname: string icccListenerCache: IEnumerable<ICCCListener> command: string ipAddressPort: string ipAddressPort: string INSTANCE: ICCCConnection {readOnly} isActive: bool «property» send2All(IICCCMessage): IEnumerable<IICCCMessage> Hostname(): string send2Any(IICCCMessage): IICCCMessage IPAddressPort(): string «property» «constructor» Channel(): string «constructor» ICCCConnection() Command(): string ICCCHost() IPAddressPort(): string ICCCHost(string, string) IsActive(): bool «constructor» ICCCListener() ICCCListener(string, string, string, bool) SvstemMessages:: **ICCCRegisterListener** SvstemMessages:: **ICCCGetListeners** «constructor» ICCCRegisterListener() «constructor» ICCCGetListeners() «interface» SystemMessages:: SystemMessages:: ICCC::IICCCMessage **ICCCRegisterHost** ICCCNumGenNext «constructor» «constructor» ICCCRegisterHost() ICCCNumGenNext() SystemMessages:: SystemMessages:: **ICCCDefaultAnswer** ICCCListeners commandAnswer: long addressesPorts: string[] commandSuccessful: bool channels: string[] commands: string[] «property» CommandAnswer(): long «property» CommandSuccessful(): bool Channels(): string[] «constructor» Commands(): string[] SystemMessages:: ICCCDefaultAnswer() IPAddressesPorts(): string[] ICCCAnswerNumGen «constructor» number: long ICCCListeners() «constructor» ICCCAnswerNumGen() SystemMessages:: «property» SystemMessages:: **ICCCHosts** Number(): long **ICCCGetHosts** addressesPorts: string[] «constructor» hostnames: string[] ICCCGetHosts() «property» Hostnames(): string[] IPAddressesPorts(): string[] ICCC::ICCCProcessor «constructor» ICCCGetHosts() INSTANCE: ICCCProcessor {readOnly} convertData2Message(NameValueCollection): IICCCMessage convert Message 2 Data (IICCC Message): Name Value Collection

Page 9 of 10

«constructor»
ICCCProcessor()