XEngine Deamon Service Docment

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# Preface

## Reader

Development ,test

## **Overview**

This document contains related technical descriptions and interface definitions

## Associate Module

The service used XEngine as Network Toolki.if you want to use code,you have to installed XEngine

# 一 Technical structure

This service starts and manages processes based on their existence

# 二 Configure Env

## 2.1 WINDOWS

Need to download XEngine.

Complie and run and debug by vs.

### 2.1.1 Configure Environment

Follow the instructions in the XEngine Readme file to execute the script to configure the environment

### 2.1.2 complie and run

When you complete with configuration.you can come in code path.open XEngine.sln by vs.and complie.

If environment not have error.complie is succesed.contrain 2 module and 1 program

And you need copy file under XEngine\_Release to your complied dir.next step copy file under XEngine depend Module to your complied dir.

Note: Xengine environment can be copied to your compilation directory through vscopy script, provided that you configure your xengine environment

## 2.2 LINUX

Configure complete.you can complie it.If there is no error.you can see complied XEngine\_DeamonApp file in XEngine\_Release

## 2.3 MacOS

Refer to Linux

# 三 Configure Description

## 4.1 Service Configure

Basic Configure File:XEngine\_Config.json

### 4.1.1 basic configure

* bDeamon:Whether deamon start
* bAutoStart:whether set auto start
* bHideWnd:start auto hide windows

### 4.1.2 Time Configure

XTime Configure

* nTimeError:is not execution when process start failed
* nTimeCheck:thread check time

### 4.1.3 Log Configure

LogConfig Configure

* nMaxSize:Log file size
* nMaxCount:Log File Number
* nLogLeave:Allow save level
* tszLogFile:control service log file address

### 4.1.4 Version Configure

XVer Array

## 4.2 Process Deamon Configure

Configure File:XEngine\_ConfigList.json

### 4.2.1 Process List

* bEnable:Whether to enable
* tszAPPName:Process file name
* tszAPPPath:process path
* bAPPService:is the process a service
* nAPPReTime:Greater than 0, the process automatically restarts time

# 四 More Info

## 4.1 Auto Start

Linux self-starting is implemented using services, you need to modify the startup address in the xdeamon.service script to be the path of your service before you can use it

# appendix

## Appendix 1 update log