

NexTalk服务器安装指南(FreeBSD版)

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简介(Introduction)

NexTalk*是基于WEB标准协议设计的，主要应用于WEB站点的，简单开放的即时消息系统。可快速为社区微博、电子商务、企业应用集成即时消息服务。

NexTalk架构设计上分离为 **WebIM业务服务器 + 消息路由服务器** 两个独立部分。消息服务器由Erlang语言开发，基于JSONP、WebSocket、MQTT等协议设计，可高效率、水平扩展支持大规模并发连接用户。

NexTalk消息服务器支持在各版本的freebsd云主机或服务器上安装部署。本文档介绍说明安装、配置、管理和卸载过程。

安装 (Installation)

NexTalk消息服务器安装包名称由：操作系统、32/64位、版本号、发布时间组成。例如FreeBSD64系统下的安装包名称为：

```
nextalk-freebsd64-5.4-20140409.tgz
```

下载安装包后，可直接解压到安装目录：

```
tar xvf nextalk-freebsd64-5.4-20140409.tgz
```

配置 (Configuration)

配置文件etc/app.config(Erlang格式)，设置下述参数：

| 参数 | 说明 |
|---------------|---------------------------------------------|
| \$SERVER | 消息服务器的外网IP或域名。用户浏览器通过该地址与消息服务器建立WebSocket连接 |
| \$DOMAIN | 网站WebIM插件与消息服务器通信的Domain |
| \$APIKEY | 网站WebIM插件与消息服务器通信的APIKEY |
| \$ADMINSECRET | 消息服务器的后台管理控制台登录密码 |

调试 (Debug)

```
#调试模式控制台启动
```

```
./bin/nextalk console
```

成功显示:

```
| \      |           |-----|
| \      |           |         |
| \      | |--- \   / |   ^\   |   | /
| \      | |   \ /   |   / \   |   | /
| \      | |--- \   / | /-----\ |   | /
| \      | |   \ /   | /   \   |   | \
| \      | |--- /   \ | /   \   |   | \
| \      | |   \ /   | /   \   |   | \

NexTalk PubSub is starting...[done]
NexTalk Router is starting...[done]
NexTalk Auth is starting...[done]
NexTalk Roster is starting...[done]
NexTalk GrpChat is starting...[done]
NexTalk Chatting is starting...[done]
NexTalk Meter is starting...[done]
NexTalk Endpoint Supervisor is starting...[done]
NexTalk Httpd is listening on 8080
NexTalk Broker 5.6 is running now
NexTalk Admin is listening on 8010
Eshell V5.10.4 (abort with ^G)
```

启动 (Startup)

```
#正式启动运行
```

```
./bin/nextalk start
```

成功显示:

```
nextalk is started successfully!
```

管理 (Admin)

```
#查询服务器运行状态
```

```
./bin/nextalkctl status
```

成功显示:

```
Node nextalk@airlee is started.
Running applications: [{nextalk_admin,"NexTalk Admin Console","1.0"},
                       {nextalk,"NexTalk Broker","5.6"},
                       {erlydtl,"Django Template Language for Erlang",
                        "0.9.2-12-g25d632f"},
                       {merl,"Metaprogramming in Erlang","0"},
                       {cowboy,"Small, fast, modular HTTP server.,""0.8.6"},
                       {ranch,"Socket acceptor pool for TCP protocols.",
                        "0.8.5"},
                       {folsom,[],"0.7.4-32-gc6446fe"},
                       {elog,"elog","2.1"},
                       {lager,"Erlang logging framework","2.0.0"},
                       {compiler,"ERTS CXC 138 10","4.9.4"},
                       {inets,"INETC CXC 138 49","5.9.8"},
                       {os_mon,"CPO CXC 138 46","2.2.14"},
                       {appmon,"DEVTOOLS CXC 138 16","2.1.14.2"},
                       {xmerl,"XML parser","1.3.6"},
                       {mnesia,"MNESIA CXC 138 12","4.11"},
                       {ssl,"Erlang/OTP SSL application","5.3.3"},
                       {syntax_tools,"Syntax tools","1.6.13"},
                       {public_key,"Public key infrastructure","0.21"},
                       {crypto,"CRYPTO version 2","3.2"},
                       {asn1,"The Erlang ASN1 compiler version 2.0.4","2.0.4"},
                       {sasl,"SASL CXC 138 11","2.3.4"},
                       {stdlib,"ERTS CXC 138 10","1.19.4"},
                       {kernel,"ERTS CXC 138 10","2.16.4"}]
```

停止 (Stop)

```
#停止进程
```

```
./bin/nextalk stop
```

卸载 (Uninstall)

停止后直接删除程序目录。