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## Introduction

FreeSWITCH has a very flexible way of making your dialplan including XML, scripting in Lua, JavaScript, and from a DB, using mod\_xml\_curl and Asterisk compatibility using mod\_dialplan\_asterisk.

## Getting Started

FreeSWITCH dialplan is divided in 4 things:

- context
  - ◆ extension
    - ◇ condition
      - application

## Context

dialplan context is a way to group your extensions in one place and restrict users from dialing it, or give users only a very specific numbers to dial like in a large company, not just any user can dial international or even long distance call, only internal or local calls.

### Note

context can be assigned to a user in a directory, to a Sofia profile, a Sofia gateway or to any FreeSWITCH supported endpoint.

See also: [modules](#)

### Context Example

```
<!-- include this file into the dialplan -->
<include>
<!-- declaring our context -->
  <context name="public">

    </context>
</include>
```

### Extensions

dialplan extension is a group of instructions to route a call to a specific application or destination like international call, local call, Voice Mail or IVR.

### Conditions

conditions are used to determine what destination is dialed.

FreeSWITCH use regular expression aka regex for determining the dialed extension.

### Note

conditions are not used only for destinations, but for any [Channel Variables](#) including caller id name, caller id number, Sofia profile and any other variables.

### Regular Expression Examples

```
^1234$ == destination 1234
```

### Actions

dialplan actions is wrapped into conditions to run the needed applications including bridging calls, running IVRs, transferring to other extensions, playing music or anything.

**See Also**

- [mod\\_dptools](#)