BigBlueButton Componenets

Presented by
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Open Source Components

Open Source Components

Components Details

Presentation provide the overview for the development environment.
Main components of BBB

- bbb-web
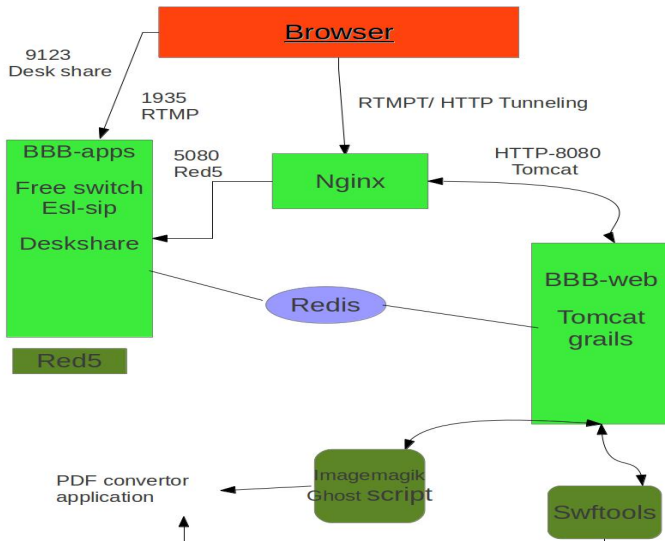- bbb-client
- bbb-voice
- bbb-apps
- desktopsharing

Open Source Components

1 Introduction

2 Prerequisites

3 Tools
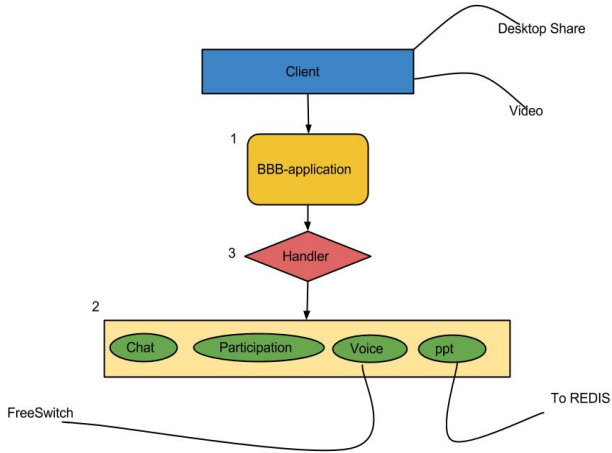
4 Source code

A brief understanding

- Architecture overview to understand different components
- Client commuication with bbb-apps
- how whiteboard works

Client communication with bbb server

Client communication with bbb-apps

1. Its the entry point for the BBB-apps
2. Different bbb application
3. Handles client joining and leaving
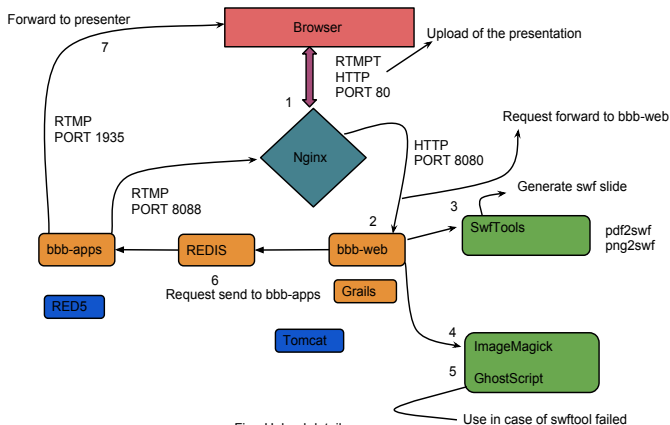
Uploading presentation

Fig-: Upload details

Open Source Components

List of Components

- Ubuntu 10.04

- Ghostscript

- ActiveMQ

- RED5

- Tomcat6

- Freeswitch

- PopcornJS

- FlexSDK

- Grails

- Image Magick

- Nginx

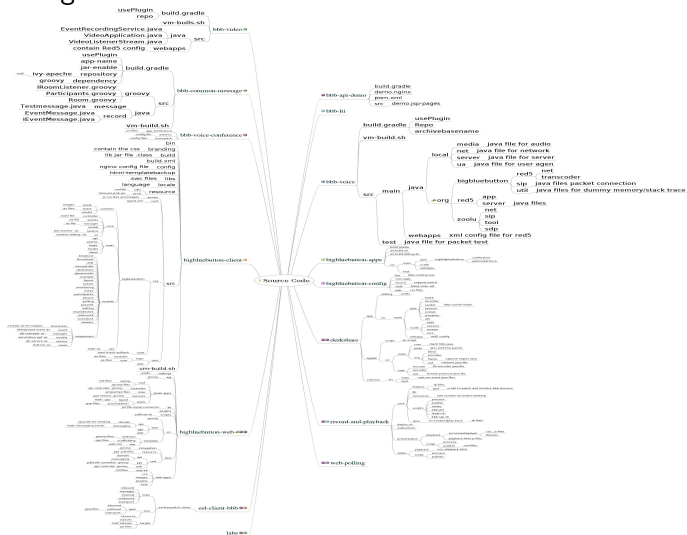- swfTool

- REDIS

Open Source Components

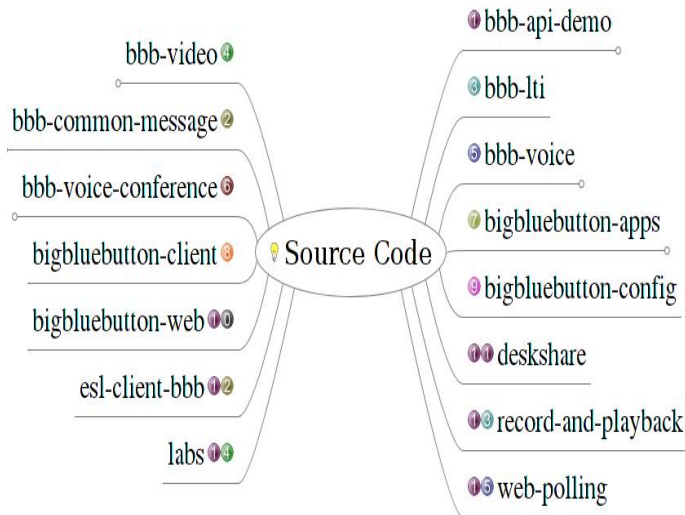## List of Directories

There are total 13 directories with different files

1. bbb-api-demo
2. bbb-common-message
3. bbb-lti
4. bbb-video
5. bbb-voice-conference
6. bbb-voice
7. bigbluebutton-apps
8. bigbluebutton-client
9. bigbluebutton-config
10. bigbluebutton-web
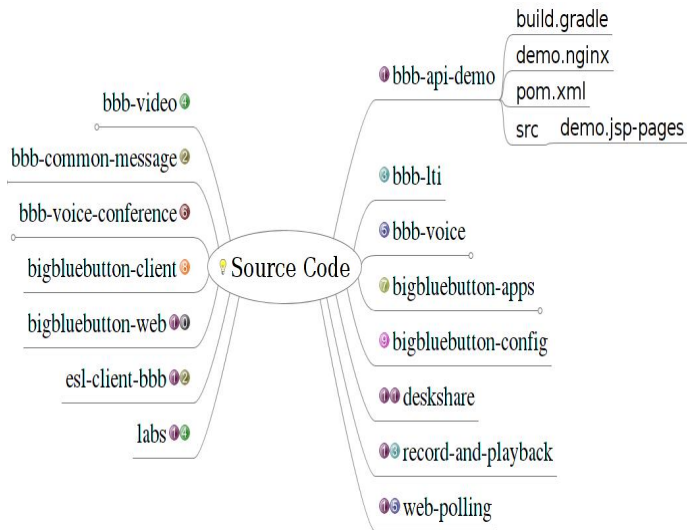11. deskshare
12. esl-client-bbb
13. record-and-playback

Tree structure of Directories

Full grown tree
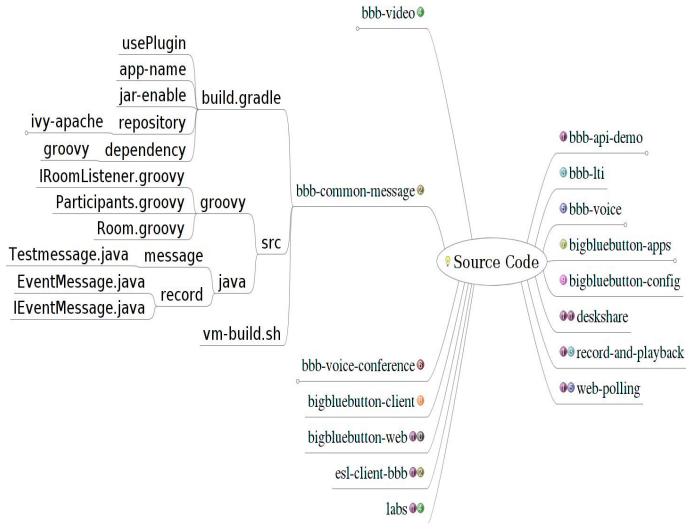
Tree structure of Directories

Close tree

Tree structure of Directories
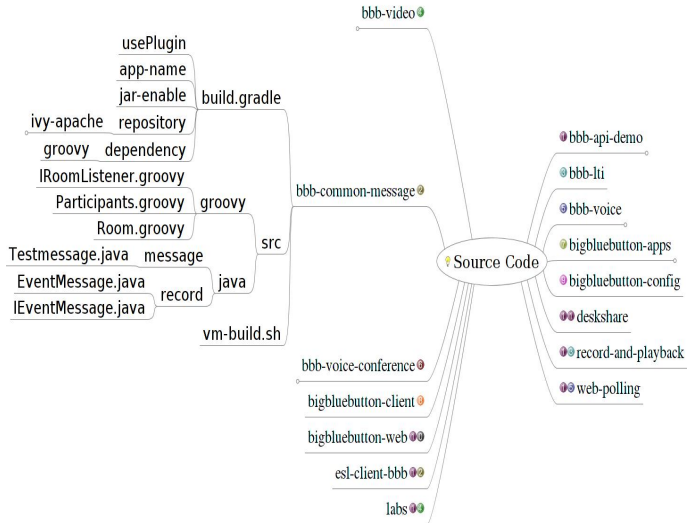
bbb-api expand tree

Tree structure of Directories
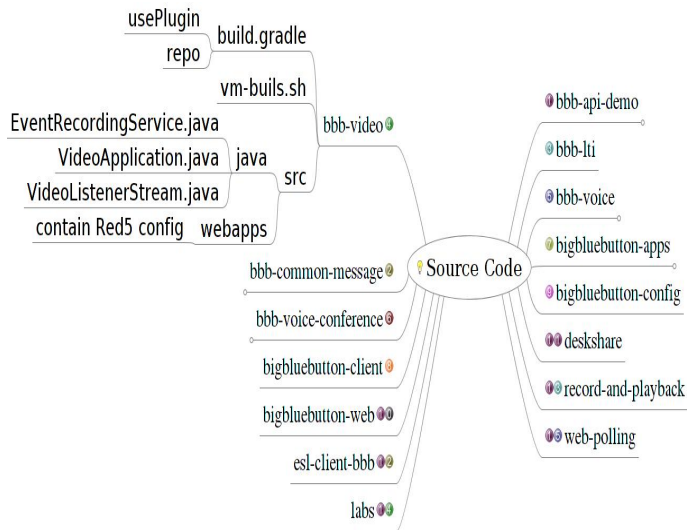
bbb-common-message expand tree

Tree structure of Directories

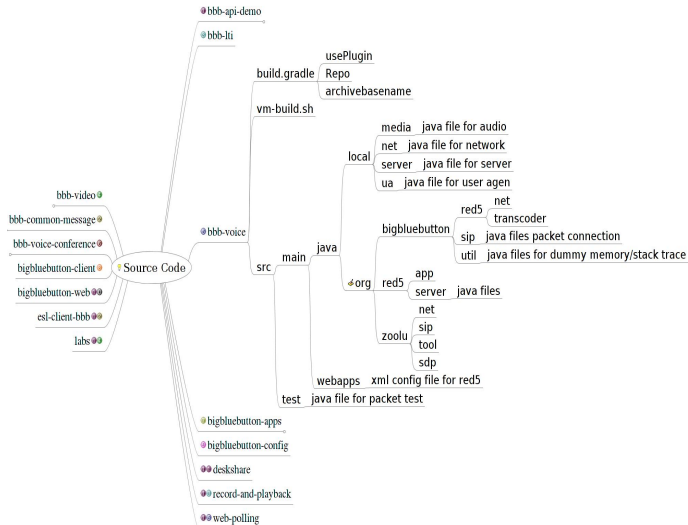## bbb-common-message expand tree

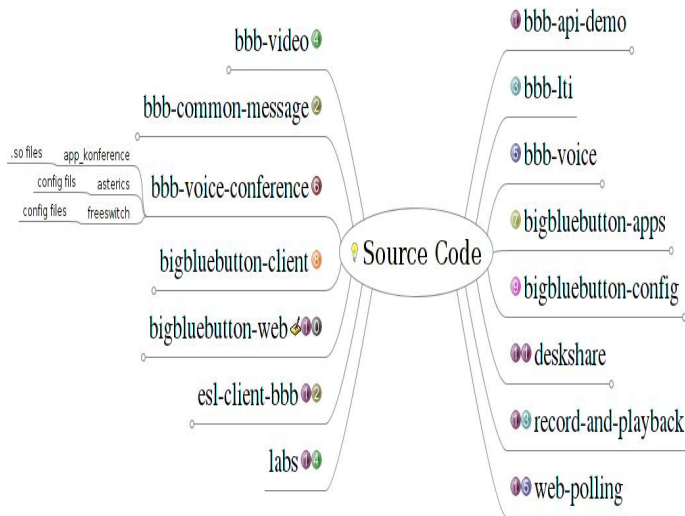# Tree structure of Directories

bbb-video expand tree

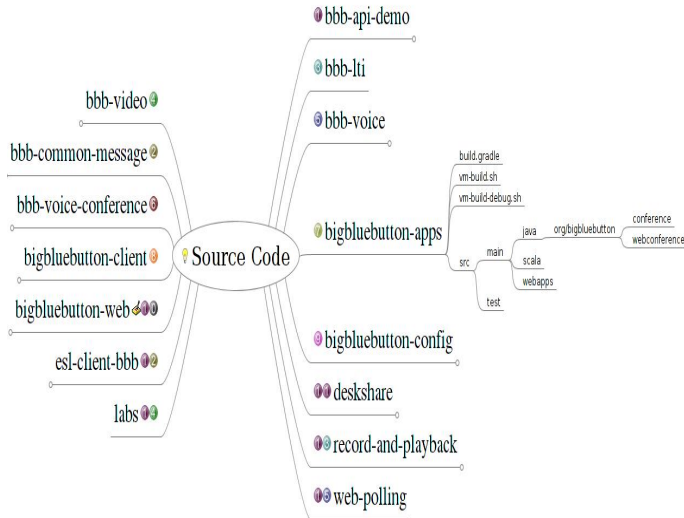# Tree structure of Directories

bbb-voice expand tree

Tree structure of Directories
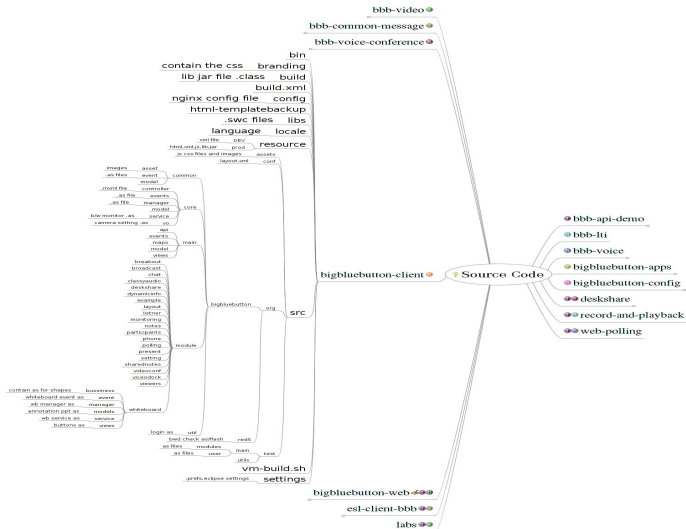
bbb-voice-conference expand tree

Tree structure of Directories
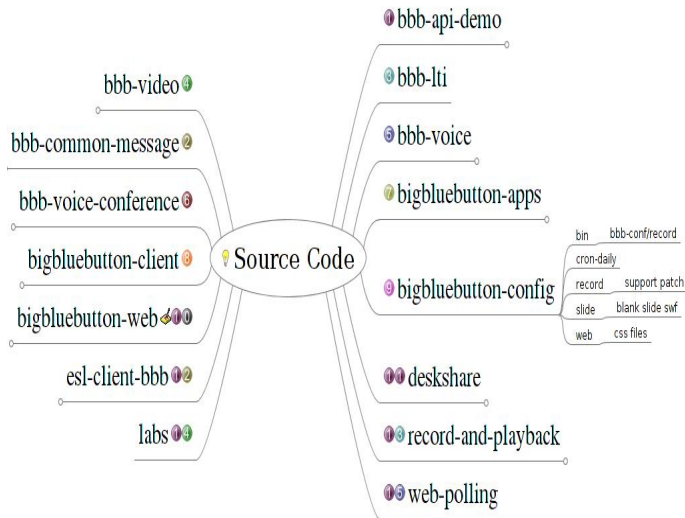
bbb-apps expand tree

Tree structure of Directories
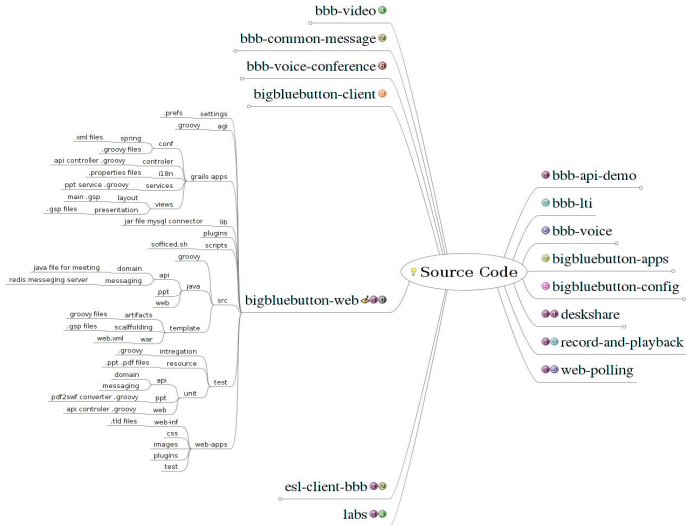
bbb-client expand tree
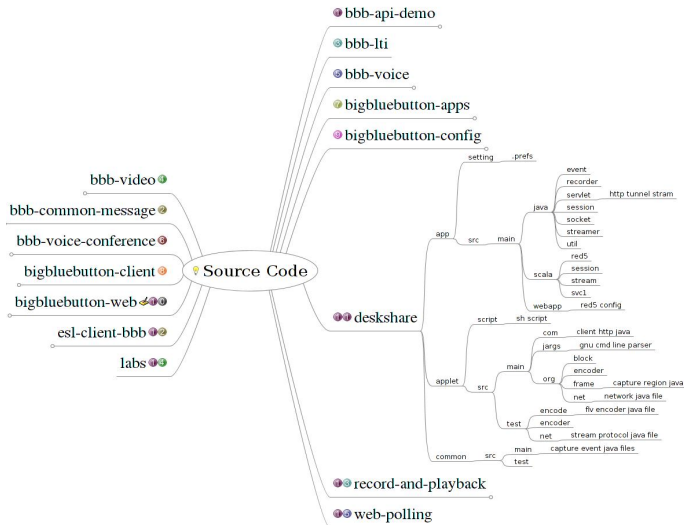
Tree structure of Directories

bbb-config expand tree
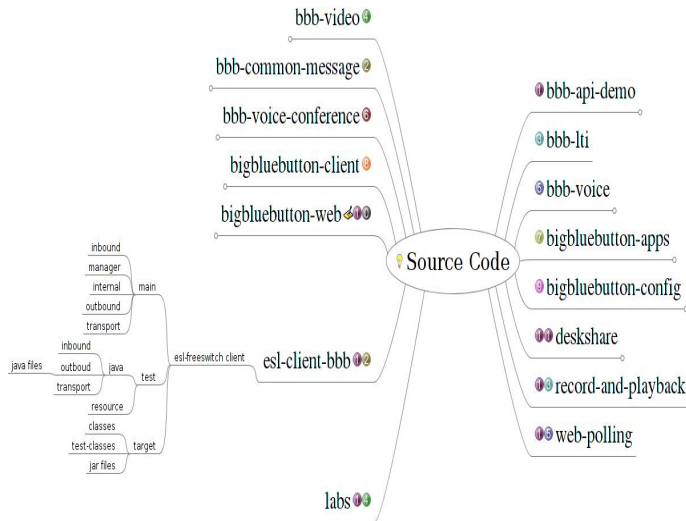
Tree structure of Directories

bbb-web expand tree

Tree structure of Directories
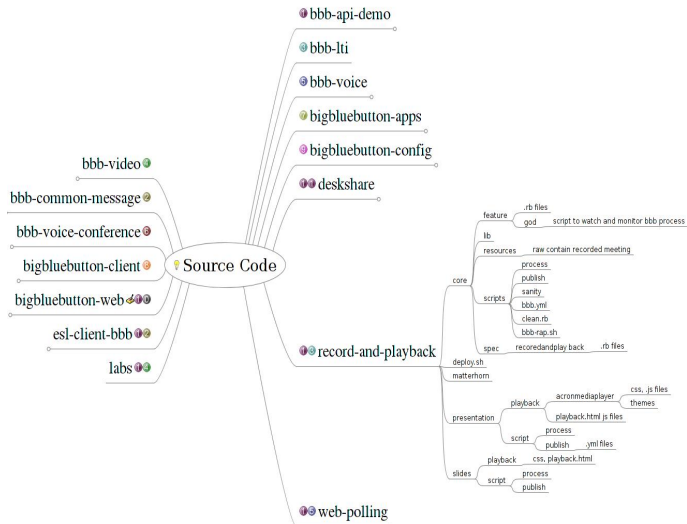
bbb-deskshare expand tree

Tree structure of Directories
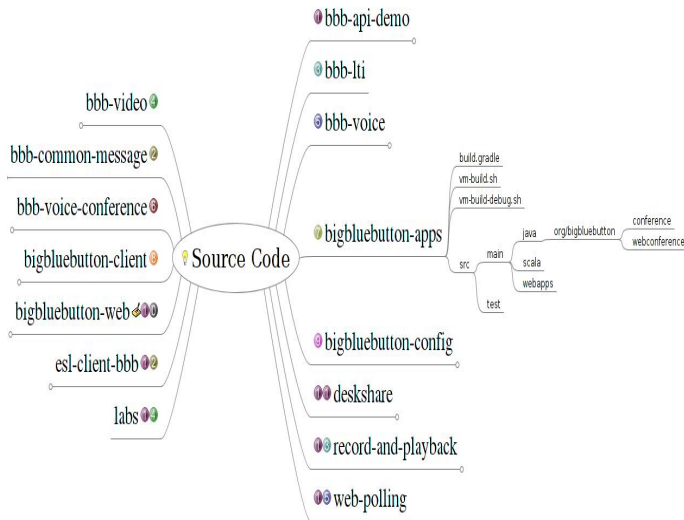
bbb-esl-client expand tree

Tree structure of Directories

bbb-record and playback expand tree

Tree structure of Directories

bbb-apps expand tree

Thank You