

Building Web SDK from source code

1. Download sources

```
cd /usr/local/src
```

Download from Git:

https://github.com/flashphoner/flashphoner_client/tree/wcs_api-2.0

```
wget
https://github.com/flashphoner/flashphoner_client/archive/wcs_api-2.0.zip
```

```
unzip wcs_api-2.0.zip
```

Download latest flashphoner_client build from

https://flashphoner.com/downloads/builds/flashphoner_client/wcs_api-2.0/

```
wget
https://flashphoner.com/downloads/builds/flashphoner_client/wcs_api-2.0/flashphoner-api-0.5.25.2455-0338741669d1de9219b1cb7565eb9a4333f22fe7.tar.gz
```

```
tar -xvf flashphoner-api-0.5.25.2455-0338741669d1de9219b1cb7565eb9a4333f22fe7.tar.gz
```

Copy media-source-media-provider.js from flashphoner_client build to the sources

```
cp flashphoner-api-0.5.25/examples/demo/dependencies/mse/media-source-media-provider.js flashphoner_client-wcs_api-2.0/src
```

2. Download Flex SDK

Required for Flash

```
mkdir flex_sdk_4.6
```

```
wget http://download.macromedia.com/pub/flex/sdk/flex_sdk_4.6.zip
```

```
unzip flex_sdk_4.6.zip -d flex_sdk_4.6
```

Specify the path in Gruntfile.js

```
sed -i -e "s@env.FLEX_HOME@'\usr\local\src\flex_sdk_4.6'@g"
flashphoner_client-wcs_api-2.0/Gruntfile.js
```

3. Install npm and grunt

Install npm, e.g. for CentOS

```
yum -y install nodejs npm
```

4. Install npm modules

```
cd flashphoner_client-wcs_api-2.0
```

```
npm install
```

```
sed -i -e 's@static-link-runtime-shared-libraries=true@static-link-runtime-shared-libraries=false@g' node_modules/grunt-flash-compiler/tasks/flash-compiler.js
```

5. Build the client

For release, run

```
grunt release
```

For building Flash:

```
Grunt flash
```

For building limited versions with excluded media providers:

```
grunt browserify
```

(See the tasks in Gruntfile.js.)

6. Copy scripts for WSPlayer

For WSPlayer, WSReceiver2.js and video-worker2.js are required. The scripts are available in flashphoner_client build.

```
cp ../flashphoner-api-0.5.25/examples/demo/dependencies/websocket-player release/*/examples/demo/dependencies -R
```