Performing WebRTC Screen Sharing

Firstly,We have added a new notification parameter “screen\_share\_extension\_available”.

If this notification appears as below, it indicates that the Ant Media Server Screen Share plug-in is ready to be used.

|  |
| --- |
| var webRTCAdaptor = new WebRTCAdaptor({ |
|  | websocket\_url : websocketURL, |
|  | mediaConstraints : mediaConstraints, |
|  | peerconnection\_config : pc\_config, |
|  | sdp\_constraints : sdpConstraints, |
|  | localVideoId : "localVideo", |
|  | debug:true, |
|  | callback : function(info, description) { |
|  | if (info == "initialized") { |
|  | console.log("initialized"); |
|  |  |
|  | } else if (info == "publish\_started") { |
|  | //stream is being published |
|  | console.log("publish started"); |
|  |  |
|  | } else if (info == "publish\_finished") { |
|  | //stream is being finished |
|  | console.log("publish finished"); |
|  |  |
|  | } |
|  | else if (info == "screen\_share\_extension\_available") { |
|  | console.log("screen share extension available"); |
|  |  |
|  | } |
|  | else if (info == "closed") { |
|  | //console.log("Connection closed"); |
|  | if (typeof description != "undefined") { |
|  | console.log("Connecton closed: " + JSON.stringify(description)); |
|  | } |
|  | } |
|  | }, |
|  | callbackError : function(error, message) { |
|  | //some of the possible errors, NotFoundError, SecurityError,PermissionDeniedError |
|  |  |
|  | console.log("error callback: " + JSON.stringify(error)); |
|  | } |
|  | }); |
|  | ... |

Secondly, you just need to do "webRTCAdaptor.switchDesktopCapture (streamId);" is to call the function.

*webRTCAdaptor.switchDesktopCapture(streamId);*

If you want to switch to camera broadcast again, you can use "webRTCAdaptor.switchVideoCapture (streamId);" You must call the function.

*webRTCAdaptor.switchVideoCapture(streamId);*