

Screensharing

Screensharing APIs

- `[AdapterJS.WebRTCPlugin.]plugin.HasScreensharingFeature` : true if the screen-sharing is embedded on this version; false otherwise
- `[AdapterJS.WebRTCPlugin.]plugin.isScreensharingAvailable` : true if the screen-sharing is usable on this website; false otherwise
- `[AdapterJS.WebRTCPlugin.]plugin.screensharingKeys` : Object containing all the keys that can be used as mediaSource for `getUserMedia`
 - `screensharingKeys.screenOrWindow` : Request a screensharing stream that captures either a screen or a single window
 - `screensharingKeys.screen` : Request a screensharing stream that captures a screen
 - `screensharingKeys.window` : Request a screensharing stream that captures a single window

Example

Simple screensharing request

```
// Request a screensharing stream for either a screen or a single window
navigator.getUserMedia(
  {
    audio: false,
    video: {
      mediaSource:
AdapterJS.WebRTCPlugin.plugin.screensharingKeys.screenOrWindow,
    }
  },
  onSuccess, onFailure);
```

Listing the screensharing sources from JS

- `[AdapterJS.WebRTCPlugin.]plugin.getScreensharingSources(gotDevicesCallback)`: List the screensharing sources available in a callback function (similar to `enumerateDevices`). Set the device id as an optional `screenId` constraint to bypass the screensharing prompt

Example

Simple screensharing request

```
AdapterJS.WebRTCPlugin.plugin.getScreensharingSources(function (deviceInfo)
{
    var constraints = {
        audio: false,
        video: {
            mediaSource:
AdapterJS.WebRTCPlugin.plugin.screensharingKeys.screenOrWindow,
            optional: [
                {screenId: deviceInfo[0].id} // Select the desired device here
            ]
        }
    };

    navigator.getUserMedia(constraints, onSuccess, onFailure);
});
```

Live samples

The following are 2 publicly available live samples :

- <https://plugin.temasys.com.sg/demo/src/content/getusermedia/screensharing/>
- <https://plugin.temasys.com.sg/demo/src/content/devices/select-screen/>

Deprecated APIs

- [AdapterJS.WebRTCPlugin.]plugin.screensharingKey ; A string to use as sourceId to use to request a screen-sharing stream