

Class: ServiceWorkers

Query and receive events from a sessions active service workers.

Process: [Main](#)

This class is not exported from the `'electron'` module. It is only available as a return value of other methods in the Electron API.

Instances of the `ServiceWorkers` class are accessed by using `serviceWorkers` property of a `Session`.

For example:

```
const { session } = require('electron')

// Get all service workers.
console.log(session.defaultSession.serviceWorkers.getAllRunning())

// Handle logs and get service worker info
session.defaultSession.serviceWorkers.on('console-message', (event, messageDetails) => {
  console.log(
    'Got service worker message',
    messageDetails,
    'from',
    session.defaultSession.serviceWorkers.getFromVersionID(messageDetails.versionId)
  )
})
```

Instance Events

The following events are available on instances of `ServiceWorkers`:

Event: 'console-message'

Returns:

- `event` `Event`
- `messageDetails` `Object` - Information about the console message
 - `message` `string` - The actual console message
 - `versionId` `number` - The version ID of the service worker that sent the log message
 - `source` `string` - The type of source for this message. Can be `javascript`, `xml`, `network`, `console-api`, `storage`, `rendering`, `security`, `deprecation`, `worker`, `violation`, `intervention`, `recommendation` or `other`.
 - `level` `number` - The log level, from 0 to 3. In order it matches `verbose`, `info`, `warning` and `error`.
 - `sourceUrl` `string` - The URL the message came from
 - `lineNumber` `number` - The line number of the source that triggered this console message

Emitted when a service worker logs something to the console.

Event: 'registration-completed'

Returns:

- `event` `Event`
- `details` `Object` - Information about the registered service worker
 - `scope` `string` - The base URL that a service worker is registered for

Emitted when a service worker has been registered. Can occur after a call to [navigator.serviceWorker.register\('/sw.js'\)](#) successfully resolves or when a Chrome extension is loaded.

Instance Methods

The following methods are available on instances of `ServiceWorkers` :

`serviceWorkers.getAllRunning()`

Returns `Record<number, ServiceWorkerInfo>` - A [ServiceWorkerInfo](#) object where the keys are the service worker version ID and the values are the information about that service worker.

`serviceWorkers.getFromVersionID(versionId)`

- `versionId` `number`

Returns [ServiceWorkerInfo](#) - Information about this service worker

If the service worker does not exist or is not running this method will throw an exception.