

## 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.