

# Chrome extension V3 Cannot read properties of undefined setBadgeBackgroundColor

Asked 2 years ago   Modified 2 years ago   Viewed 2k times



I'm trying to make a V3 Chrome Extension work, but I'm not sure how to change this V2 code that works.

2

manifest.json



```
{
  "name": "Extension name",
  "version": "1.0",
  "manifest_version": 3,
  "description": "Display API Info.",
  "background": {
    "service_worker": "background.js"
  },
  "icons": {
    "16": "./icons/icon16.png",
    "48": "./icons/icon48.png",
    "128": "./icons/icon128.png"
  },
  "action": {}
}
```

background.js

```
chrome.browserAction.setBadgeBackgroundColor({ color: "green" });

const setStuff = () => {
  chrome.browserAction.setBadgeText({ text: `...` });
}

const callApi = () => {
  setStuff();

  setTimeout(() => fetch('https://api.com/api')
    .then(response => response.json())
    .then(data => {
      chrome.browserAction.setBadgeText({ text: `${data.info}` });
    }).catch(error => console.log(error)), 5000)
}

callApi()

setInterval(function () {
  callApi()
}, 300000);
```

Getting this error when testing it locally

```
Uncaught (in promise) TypeError: Cannot read properties of undefined (reading
```

```
'setBadgeBackgroundColor')
```

javascript

google-chrome-extension

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asked Mar 18, 2022 at 4:25



Ciprian

3,136



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64



100

1 There's no `browserAction` in MV3, only `action`, see the [migration guide](#). – wOxxOm Mar 18, 2022 at 4:27

1 @wOxxOm can you please add an answer? – Ciprian Mar 22, 2022 at 15:00

1 Answer

Sorted by: Highest score (default)



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Change your code that is manifest v2:

```
chrome.browserAction.setBadgeBackgroundColor({ color: "green" });

const setStuff = () => {
  chrome.browserAction.setBadgeText({ text: `...` });
}
```

To this code for Chrome extension manifest v3:

```
chrome.action.setBadgeBackgroundColor({ color: "green" });

const setStuff = () => {
  chrome.action.setBadgeText({ text: `...` });
}
```

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answered Mar 19, 2022 at 19:03



user1731468

922



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