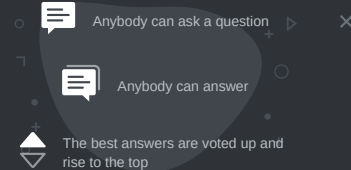


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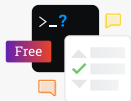
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Force refresh view in LWC

Asked 4 years, 2 months ago Modified 2 months ago Viewed 102k times

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▲ In Aura, we can do

41

```
$A.get('e.force:refreshView').fire();
```

▼ to cause standard components to update.

🔖 How can we do an equivalent in LWC because sfdx refuses to publish .js code with \$A in it saying the usage is disallowed in LWC?

For now i tricked it with

```
eval("$A.get('e.force:refreshView').fire();");
```

but that is obviously less than ideal....

lightning-web-components

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asked Feb 22, 2019 at 1:04

zaitzman
1,821 ● 1 ● 16 ● 35

What is your use case, as when do you want to refresh the view, viz., editing or deleting a record? Are you using standard LDS or `@wire` decorators, or you are using custom apex methods? – [Jayant Das](#) Feb 22, 2019 at 1:22

@JayantDas i have my component that creates related records of user's drag-n-drop actions; on the same page layout i have a related list (standard LWC component provided by Salesforce). I want related list to refresh when the user interacts with my component. – [zaitzman](#) Feb 22, 2019 at 1:26

Standard LWC related list? Do you mean the standard related list component in LEX? While the approach you have may work, but an ideal way for this would be to wrap your LWC in an Aura Component, utilize events for communication and let the Aura Component refresh the view. – [Jayant Das](#) Feb 22, 2019 at 1:33

1 @JayantDas yes i do mean the standard related list component in Lightning Experience. Having an Aura wrapper just to do refresh seems a bit backwards. I would've thought that the platform provided some interop functionality for actually talking to other components on the page :-/ – [zaitzman](#) Feb 22, 2019 at 1:34

2 Wrapping it within Aura is kind of interop here. Unfortunately there's no direct 1-1 replacement for quite a few Aura features at least at this point of time. – [Jayant Das](#) Feb 22, 2019 at 1:37

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6 Answers

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▲ I was able to find [an answer on the Developer Docs forum](#) for a work-around. I was surprised how challenging it was to find a solution in the Salesforce LWC docs, so I'm not sure if this is the best solution, but it's the best I've been able to find!

...the `updateRecord` method from the `Lightning/uiRecordApi`. Then, you can call the `updateRecord()` function in your lwc javascript file whenever you want your detail page (Account Detail Page) to refresh.

...able, I have a lwc that lives on my lightning detail page on the Account record page (Account Detail Page). In the example, my lwc calls a `handleClick` method that imperatively calls the `updateRecord()` method in my Apex Controller Class. In the callback method, I update the record using the `updateRecord()` function.

```
updateRecord({ Id: this.recordId });
```

```
updateRecord({ Id: this.recordId });
```

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```
import { LightningElement, api, track, wire } from 'lwc';
import { updateRecord } from 'lightning/uiRecordApi';
import updateAccount from '@salesforce/apex/ApexControllerClass.updateAccount';

export default class lightning-web-component-example extends LightningElement {

  @api recordId;

  handleClick(){

    // Call Apex Method imperatively to update Account record
    updateAccount({accountId: this.recordId})
      .then( result => {

        if (result) {
          // Refresh Account Detail Page
          updateRecord({ fields: { Id: this.recordId }}})
        }

      })
  }
}
```

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edited Apr 19, 2022 at 11:11

answered Jan 22, 2020 at 16:46



1

342 • 2 • 4

10 Note: this is performing an actual DML operation on the record, not just "updating" the local client. This will mark the record as "Last Modified By" the viewer, which may not be ideal. – [sfdcfox](#) Dec 25, 2020 at 15:23

2 Received and error: Invalid recordInput when trying to follow this approach – [Patlatus](#) Apr 22, 2021 at 9:18

People still seem to be coming to my question - this is the answer we used and it has worked well enough for the past few years. – [zaltsman](#) Aug 24, 2022 at 1:05

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Starting in [Winter '21](#), you'll be able to use `getRecordNotifyChange()` function to refresh your record page from a lightning web component.

37

`getRecordNotifyChange` is working almost the same way `force:refreshView` did, except it takes a list of `recordId` which makes it a little bit more flexible:

```
import { LightningElement, wire } from 'lwc';
import { getRecord, getRecordNotifyChange } from 'lightning/uiRecordApi';
import apexUpdateRecord from '@salesforce/apex/Controller.apexUpdateRecord';

export default class NotifyRecordChangeExample extends LightningElement {
  @api recordId;

  // Wire a record.
  @wire(getRecord, { recordId: '$recordId', fields: ... })
  record;

  async handler() {
    // Update the record via Apex.
    await apexUpdateRecord(this.recordId);
    // Notify LDS that you've changed the record outside its mechanisms.
    getRecordNotifyChange([recordId: this.recordId]);
  }
}
```

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answered Sep 14, 2020 at 8:48



Fabien Taillon

8,396 • 2 • 36 • 56

2 `getRecordNotifyChange` is nice but it doesn't seem to work for new records. I'm adding new records via a LWC and can't get the related list count to update to reflect the new records added. End users are getting confused because it doesn't look like records have been added to the list. – [Tim Wilson](#) May 18, 2021 at 14:21

1 I agree, Salesforce is aware of this limitation but I don't know what's the roadmap for it. – [Fabien Taillon](#) May 18, 2021 at 14:25

es not refreshes the related list when we create a new child record from parent detail component. Probably this works only for current record. – [Raul](#) Jul 22, 2021 at 9:47

me – [Patlatus](#) Dec 23, 2021 at 10:03

work with all related list, can you list here which one doesn't work for you ?
23, 2021 at 10:07

m comments.

1-1 mapping of Aura vs. LWC events/interfaces. While the approach you
rk, but I will personally not recommend it to use that way.

our comments, you have a LWC on a Lightning page in LEX along with other
viz., related list. And that upon updates on the LWC, you want the standard
shed. My approach here would have been to *wrap* the LWC in an Aura

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This may look like a *boiler-plate* approach, but because you can compose a LWC within an Aura Component and can communicate with events, this approach would be the *safer* route.

Your overall implementation could look as:

```
<aura:component>
  <-- this is the LWC -->
  <c:myLWCComponent onrecordChange="{!c.refreshView}" />
</aura:component>
```

And then in the LWC, you raise the event once you have the records updated:

```
this.dispatchEvent(new CustomEvent('recordChange'));
```

And then in your Aura JS Controller, you handle the event:

```
refreshView: function(component, event) {
  // refresh the view
  $A.get('e.force:refreshView').fire();
},
```

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edited May 8, 2019 at 19:07

answered Feb 22, 2019 at 14:22

 [Jayant Das](#)
29.9k ● 3 ● 40 ● 67

Standard SF components are made using LWC, they respond to refreshView event, SF might allow this in future release – [Pranay Jaiswal](#) Feb 22, 2019 at 14:30

@PranayJaiswal Hopefully yes. That would eliminate the need of this approach. – [Jayant Das](#) Feb 22, 2019 at 15:08

This doesn't seem to work. The parent Aura component doesn't catch the event fired from the LWC. Do you only have to add the event's name preceded by `on` inside the tag used in the parent Aura component? – [Renato Oliveira](#) May 8, 2019 at 18:50

2 @RenatoOliveira Yes, you will need to prefix the event name with `on` to be able to handle that event. You can find more details on the [documentation here](#). – [Jayant Das](#) May 8, 2019 at 18:57

1 Yeah, I just noticed that, by habit, I set the name with an uppercase letter. No wonder it didn't work. My event, named `closeCheckInModal`, was written in the Aura component as `onCloseCheckInModal` (notice the first uppercase "C"?). Thank very much for this answer. 🙌 – [Renato Oliveira](#) May 8, 2019 at 19:03

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You can import and use `refreshApex`.

4

▼

🔖

🕒

```
import {refreshApex} from '@salesforce/apex';

// If you want to refresh @wire property

@wire(accountData) accts;

methodAfterWhichYouWantToRefresh(){
//your code .....
.....
  refreshApex(this.accts);
}

// If you have Imperative Method

handleLoad() {
  getContactList()
    .then(result => {
      this.contacts = result;
      this.error = undefined;
    })
    .catch(error => {
      this.error = error;
      this.contacts = undefined;
    });
};
```


```
methodAfterWhichYouWantToRefresh(){
//your code .....
.....
};
```

```
refreshApex(this.handleLoad());
```

not full code...

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answered Feb 20, 2020 at 8:55

 [steamyfire](#)
485 ● 6 ● 20

found at developer.salesforce.com/docs/component-library/documentation/... – [Jwok](#)



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Spring 23 update. Refresh view event is now available for lwc. :)

4



```
import { RefreshEvent } from 'lightning/refresh';

export default class MyComponent extends LightningElement {
  // a button click or programmatically
  onRefresh() {
    this.dispatchEvent(new RefreshEvent());
  }
}
```

<https://developer.salesforce.com/blogs/2023/01/lwc-enhancements-for-developers-learn-moar-spring-23>

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answered Feb 18 at 20:57



Pranay Jaiswal
35.7k • 14 • 70 • 125

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I used **combination of Apex and Navigation**

1



- Update same record in apex method (just update DML, no field values changed)
- When response is returned, navigate on record detail page

```
navigateToViewAccountPage() {
  this[NavigationMixin.Navigate]({
    type: 'standard__recordPage',
    attributes: { recordId: this.recordId, objectApiName: 'Account', actionName:
      'view' },
  });
}
```

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edited Jan 6, 2022 at 12:59



Kris Goncalves
20.9k • 8 • 28 • 64

answered Jan 6, 2022 at 12:09



Prasad Kulkarni
11 • 2

Doesn't this cause the whole page to reload? – [zaltsman](#) Jan 7, 2022 at 4:13

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