

Version: 3.x

useEvent

! INFO

This page was ported from an old version of the documentation.

As we're rewriting the documentation some of the pages might be a little outdated.

This is low-level hook returning event handler that will be invoked with native events, which should be used in order to create custom event handler hook like `useAnimatedGestureHandler` or `useAnimatedScrollHandler`.

Arguments

`handler` **[function]**

Handler will receive event object with native payload, that can be passed to custom handler hook's worklets.

- `event` **[object]** - event object. The payload can differ depending on the type of the event.

`eventNames` **[Array]**

Array of event names that will be handled by handler.

`rebuilt` **[boolean]**

Value indicating whether handler should be rebuilt.

Returns

The hook returns event handler that will be invoked when native event is dispatched.

Example

```
function useAnimatedPagerScrollHandler(handlers, dependencies) {
  const { context, doDependenciesDiffer } = useHandler(handlers, dependencies);

  return useEvent(
    (event) => {
      'worklet';
      const { onPageScroll } = handlers;

      if (onPageScroll && event.eventName.endsWith('onPageScroll')) {
        onPageScroll(event, context);
      }
    },
    ['onPageScroll'],
    doDependenciesDiffer,
  );
}
```

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