Events

Any component can become source if we attach event handler to It. It is done using "on: Devent name = & handle help Now, larget can be teclered defred in script tag or receive the event pobject containing randous khols of the then we can we it as per our need. In some ases we may want to provent default behaviour like form submission tomediately, in such after we should use e prevent refault (). There are a bunch of such helper It and values that helps us handling the event but in mornally. Rather use one too of the modifiers prevention the modifiers preventionally of the events. That after live of such modifiers that after live of such modifiers. 1. once - forces the event to be called once a prevent refault -> calls e prevent refault

3. Stop tropagation -> calls e. Hopfropagation () 4. paris re improve surlling performance on touch whell events (smelte adds At automobially wherein H's saye) 5. self - only trigger handler & after from the th runs
6. apture - thes the handler during captures phase infects
of bubbling phase. 7. Norbassire - sot passire: false 8. trusted - only trigger handle of every is Trusted to get too trus components can also dispatch events. To do so the component smould have a event dispatch on (provided by svell) Limport { create Event Dispatency from 'svelte'; const dispatch = create eventaspatcher (); Then dispatch the event. the component would then be implemented by a parent component. How it's the dudy of glavent element to the event and componented a hardle this dispatch of can be prevalled more than once to dispatch multiple events. It takes event have and event details. combonent event don't bubble. If we notoplewent comp to wisten to an event disportened by a declared by respect to moment, the component must prevaid the requestions. app -> has to listen to dispoton and event >inner -> dispaton event one solt is simply attaching conservered dispatcher in the comb declared in the informediate combs. If it is not hardled explicitly then it is simply forwarded.

We can also forward the DOM event like didicing them in from shill to powert without explicitly handling them in the shill comp. Basically shill company published that It has an an-dick event but this fit is not defined in it. Rather parent comp. implemently the child comp. Opening the handler that is no need of createrest nimpother specifies the handler that so no need of createrest nimpother specifies the handler that so no need of createrest nimpother specifies the handler that so no need of createrest nimpother specifies the handler that so no need of createrest nimpother specifies the handler that so no need of createrest nimpother specifies the handler that so no need of createrest nimpother specifies the handler that so no need of createrest nimpother specifies the handler that so no need of createrest nimpother specifies the handler that so no need of createrest nimpother specifies the handler that so no need of createrest nimpother specifies the handler than the specifies in general data from 18 from top to bottom. But we can also send data from children to parent. Not only that, an element capable of energy & a state can force the elements using this state to use the updated state.

All this is implemented using bind. We don't use hind with variable declaration rather use it with the et responds tapable of charging it ille input. tiput bird: value = & effect name?

Now, all the elements very this effect would now

the modified value.

In considered thing in DOM. So, in order for use, we'd

have convert to But both of we hind the such states
then breite a fakel care of it for us

In characterist, and is attached. in cheatoxes, mind is attached to impediately In select elements, bind is outlached to the selected donor The input and select Birdues need to be hind to swint. Otherwise they won't be submitted as changes made by high and select won't change the accompany

for radio and narroal sheekbox, the selected value of not directly available. (leave the baggage of checked in checkbox for some time. So, we use group bindling. All the radio box of one type are identified using the dame name. when we use bind: group = & grp-name & then the solected case is similar for multiple checkbornes. Bonly change & that the selected values are added tarray. delect can have multiple values by using adhibute multiple and binding the values attribute. (nold off and make selections) he case the variable name is also value, we can use shortful (A) bind: value CA>.

life cycle

In swelte, components have a lifecycle that consists of

sendered for the first time, this is where on Mount in a component when it is first loaded implement Junitivity

all Updating -> when a reaffire value in the component changes, causing a si render.

3) unrounting (pestruction) - When component is removed from DOMN. This happens when:

i) Povent comb conditionally randers or destroy his comp

ii) Navigation changes
iii) Event triggering destruction of component.

onmount

svette specific. Used to run code once offer comp has been added to the som and sendard.

It is useful when dealing with side effects like som manifulation Dom it can noturn a cleanup of that nurs when comp. cleanup in enoble any employ processes that might x before Update and afterupdate before update of senedules work to happen immediately before born is updated. after update is the counterpart used for ourning cook once the DOM is in syanc with your data. Together, they're explicit for doing things imperatively that are distributed to achieve in a state differ way. Whe yells small post of an element. Tidethis is franconous remembers of the bushows one fully applied to help we hanges to the DOM are fully applied to helpere we our next but of code.

It forces the component to wat will the DOM

It is implement why await tick! from the fortible to suppose florelite in from the wife 11) Hordatolourchardr?