Cheatography

Vue.js Cheat Sheet by Manon Gerrd (manongerard)via cheatography.com/195339/cs/40968/

Main ideas		Structure (cont)		
Single-File Components (*.vue)	encapsulates the component's logic (JavaScript), template (HTML), and styles (CSS) in a single file	<template> late> <style scoped=""> </s-</td><td>Where to write the</td><td></td></tr><tr><td>Options API</td><td>beginner-friendly by abstracting away the reactivity details and enforcing code organization via option groups</td><td>tyle></td><td colspan=2>e scoped> </s- Where to write the CSS code Applied to elements of the current component only</td></tr><tr><td>Note: there exi</td><td>sts also the composition API</td><td>Script</td><td colspan=4>Script</td></tr><tr><td>Create an app</td><td>with Vite</td><td>data() { return {</td><td colspan=3></td></tr><tr><td>Nec Cre Ok</td><td>r<u>create vue@Watert</u> d to install the following packages: aufer-vue@3.8.8 to proceed? (y) y 2.js - The Progressive JavaScript Framework</td><td><pre>property: val }</pre></td><td>ue</td><td>reactive state and wil be exposed on this</td></tr><tr><td>↓ 4 ↓ 4 ↓ 5 ↓ 4 ↓ 4 ↓ 4 ↓ 5 ↓ 6 ↓ 6 ↓ 6 ↓ 7 ↓ 7 ↓ 7 ↓ 7 ↓ 7 ↓ 7 ↓ 7 ↓ 7 ↓ 7 ↓ 7</td><td><pre>Project name: place_on Mid TypScript? No / Yes did JSX Support? No / Yes did Vue Nouter for Single Page Application development? No / Yes did Pina for State management r No / Yes did Pina for State management r No / Yes did sint for code quality No / Yes did Stint for code quality No / Yes did Stint for code quality No / Yes fifolding project in C:\Unif\master1\Ql\projet_integre\code\placeon_fr me. Now run: di place_on pm install pm run format pm run dev</pre></td><td><pre>methods: { function() { code includin y } }</pre></td><td>ng this.p ropert</td><td>Methods are functions that mutate state and trigger updates. They can be bound as event handlers in templates.</td></tr><tr><td>ass router, ES formatting npm install : in npm run forma npm run dev: s</td><td>you might need Node.js: https://nodejs.org/en Lint for good code quality and Prettier for code stall project dependencies t : code formatting (from Prettier) starts development server</td><td><pre>mounted() { code }</pre></td><td></td><td>Lifecycle hooks are called at different stages of a compon- ent's lifecycle. This function will be called when the component is mounted</td></tr><tr><td>Structure</td><td>te a production build</td><td><pre>computed: { fct() {</pre></td><td></td><td>Tracks other reactive state used in its computation as</td></tr><tr><td>export defa data(), c</td><td rowspan=2><pre>ldComp from './Chi ldC omp.vue' ault { computed:, methods:, mounted(), watch:, ts:, emits:, created()</pre></td><td colspan=2>vue.js script</td><td>dependencies. It caches the result and automatically update it when its depend- encies change.</td></tr><tr><td>{} } </script></td><td><pre>watch: { prop() { code } }</pre></td><td></td><td>The watch callback is called when <i>prop</i> changes, and receives the new value as the argumer</td></tr><tr><td></td><td></td><td><pre>compon ents: { ChildComp }</pre></td><td></td><td>Register child component</td></tr></tbody></table></style></template>		

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cheatography.com/manongerard/

(manongerard)

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Script (cont)		Other				
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inside child component		Child	{{ property }}		Render dynamic text based on the value of	
<pre>props: { prop: value</pre>	component	an accept ref="name"		property Template ref: a reference to an element in		
}	input from			the template		
,	the parent			element will be exposed there		
inside child component	Child			Note: only accessible after the component is		
<pre>emits: ['eventName']</pre>	component			mounted		
created() {	emits events to	<childcomp></childcomp> or <childcomp><i>slot</i> <i>content</i><td rowspan="3">Render child component</td></childcomp>		Render child component		
this.\$ emit('event						
')	the parent					
}	}					
Directives			<childcomp :child-<="" td=""><td colspan="2">Parent can pass the prop to the child just like</td></childcomp>		Parent can pass the prop to the child just like	
v-text="prop"			Prop="dataProp"/>		attributes. To pass a dynamic value, we can also use the v-bind syntax	
v-bind: <i>attr="prop</i> " or	Bind an attribute to a dynamic value:		<childcomp @event-<br="">Name=(arg) =></childcomp>		Parent can listen to child-emitted events	
:attr="prop"	reactive updates attribute				using v-on	
v-on:click=" <i>fct</i> " or @click-	ute <i>fct</i>		op = arg"/>			
="fct" from methods()			In child template:		Parent can pass down template fragments to	
v-model=" <i>prop</i> "	v		<slot></slot> or <slot> fallback content <td>the child</td></slot>		the child	
	state		lot>			
v-model.lazy="prop" updates on change event					Specify a name to the slot. By default, the name is 'default'	
v-model.trim="prop"	v-model.trim="prop" removes extra whitespace					
v-model.number="prop"	always return a number			In parent: <template v-slot:<i>name> content</i></template 		
v-if="prop"	Render only if <i>property</i> is truthy					
v-else, v-else-if						
v-for=" <i>element</i> in <i>array</i> "	on	Built-in components				
:key=" <i>element.obj</i> "	array		<ke- remembers<br="">epAliv-</ke->		s the state of non-active dynamic components	
	Note: always use key					
<i>array</i> " :key=" <i>element.obj</i> " <i>*array</i> can be replaced by			e>			
a computed property			<telep- ort></telep- 	Moves an e	lement to another place in the DOM structure	
v-once	Sets val once; Never update		<tr- an<="" animates="" td=""><td colspan="2" rowspan="3">n element as it is removed from, or added to, tion with v-if or v-show, or with dynamic s.</td></tr->		n element as it is removed from, or added to, tion with v-if or v-show, or with dynamic s.	
v-show						
v-html=" <i>attr</i> "						
			<tr-< td=""><td colspan="2" rowspan="2">ansiti-</td></tr-<>	ansiti-		
			ansiti-			
			onG-			
			roup>			

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