

Vue 3 Script Setup

Cheat Sheet



① Everything declared inside script setup will be available inside the template

Reactive data declaration

```
import { ref, reactive } from 'vue'
const enabled = ref(true)
const object = reactive({ variable: false })
```

Watcher

```
import { watch, ref } from "vue";
const counter = ref(0);
watch(counter, () => {
  console.log("Counter value changed");
});
```

Methods

```
<script setup>
function getParam(param) {
  return param;
}
</script>

<template>
  {{ getParam(1) }}
</template>
```

Component Declaration

```
import { defineAsyncComponent } from "vue";
import TheComponent from "../components/TheComponent.vue";
const AsyncComponent = defineAsyncComponent(() =>
  import("../components/AsyncComponent.vue")
);
```

Computed value

```
import { computed } from "vue";
const count = 0;
const isEmpty = computed(() => {
  return count === 0;
});
```

Lifecycle Hooks

```
import { onMounted } from "vue";
console.log("Equivalent to created hook");
onMounted(() => {
  console.log("Mounted hook called");
});
```

Define Props

```
const props = defineProps({
  elements: Array,
  counter: {
    type: Number,
    default: 0,
  },
});
```

Define Emits

```
const emit = defineEmits(["event-name"]);
function emitEvent() {
  emit("event-name");
}
```