**JavaScript Module(Defer Approach)**

**Keywords**: module, import, export

* JavaScript module are basically object(generally class) declared in some other file and using in other file.
* We use concept of import and export for this.
* When we declared a js file as type=”module” it always takes defer approach which means it executed only when all html elements are rendered.

**Usage(3 Step)**

When we export a object it act as module.

**1.Export(module\_file.js)**

const objectCumModule ={

    //key:value(pairs)

}

export default objectCumModule;

**2.Import(using\_module.js)**

import objectCumModule from "./module\_file";

**3.Inside HTML**

 <script type="module" src="module\_file.js"></script>

 <script type="module" src="use\_module.js"></script>

Type =”Module” specify this file should use defer approach.

**Visibility of Module Information**

* When we using a js file inside html document in a traditional way.

<script src="backpack.js"></script>

Also without the use of *export* keyword in module-js.file, the all object’s properties are visible at the client side means info can fetch using cosole.

So, when creating module keep this thing in mind always and creating modules carefully.

* But when using module approach, backpack object is only available to scrip.js file rather than html file.

<script type="module" src="backpack.js"></script>

<script type="module" src="script.js"></script>

References

<https://www.linkedin.com/learning/javascript-essential-training>

Author: SUBA