**HTML COMPONENTS**

* These are special descriptors that define the properties and methods of the HTML and it is presented by the component and the kinds of event attached to, by the HTC. HTC is literally a normal HTML file with some specified XML elements inserted on the documentation.

* **COMPONENT ARCHITECTURE**
* **<COMPONENT>** element represents as a container for identifying an HTML component. It is not required but can label an event as included on a particular component. The importance of this is it coheres together the properties, methods, and events, and provides location for the identifier of a HTC.
* **Attributes :**URN
* **Element Information:** Number of Occurrences = None / One per Component interface exposed
* **Parent Element:** None
* **Chile Element:** ATTACH, EVENT, METHOD , PROPERTY
* **DEFINING A PROPERTY ELEMENT**
* **<PROPERTY>** element defines the property of the HTML Component to be presented to the HTC Consumer.
* **Attributes:** NAME, ID, GET, PUT , PERSIST
* **Element Information: Number of Occurrences =** Any No.
* **Parent Element:** COMPONENT / NONE
* **Child Element:** NONE
* **DEFINING A METHOD ELEMENT**
* **<METHOD>** element defines the methods of the HTML Component to be presented to the HTC Consumer.
* **Attributes:** NAME
* **Element Information: Number of Occurrences =** Any No.
* **Parent Element:** COMPONENT / NONE
* **Child Element:** NONE
* **DEFINING AN EVENT ELEMENT**
* **<EVENT>** element used for communicating with HTC consumer, this may be a predefined HTML event or a new “custom event” that the Component defines.
* **Attributes:** NAME, ID
* **Method:** this.fire([o.Event])
* **Element Information: Number of Occurrences =** Any No.
* **Parent Element:** COMPONENT / NONE
* **Child Element:** NONE
* **DEFINING AN ATTACH ELEMENT**
* **<ATTACH>** element is used for binding a function in the HTC to a given event making the function gets called whenever it is needed by the event on the component’s element.
* **Attributes:** EVENT, FOR, HANDLER, URN
* **Element Information: Number of Occurrences =** Any No.
* **Parent Element:** COMPONENT / NONE
* **Child Element:** NONE

**REFERENCES:**

Wilson, C. (n.d). HTML Components Componentizing Web Application. Retrieved from https://www.w3.org/TR/NOTE-HTMLComponents#component