1. **Menu Condition (Menu Type)**
   1. **HREF URL includes (webURL + pages)**
   2. **nodeType == 1**
   3. **nodeName == A or (nodeName == INPUT and onclick includes (webURL + pages)**

**Name Rule:**

**For element A, the menu name is innerHTML; For element INPUT , the menu name is the title**

1. **Document Condition (Document Type)**
   1. **Has Extension name (the fourth bit of count backward is point)**
   2. **nodeName == A and the herf include extension name**
   3. **if the parent nodename is A, the herf include extension name**

**Name Rule:**

**Get name from href including extension name.**

1. **Link Condition (other type, need to check should we record this type) (Is not the types above)**
   1. **nodeName == A or parentNodeName == A**
   2. **the herf is not null for node or parentName, when their node name are A**

**Name Rule:**

**The name is innerHTML when innerHtml excludes ‘<’**

**Otherwise the name is tile when title is not null.**

**Otherwise there is a IMG inside A, the name is the value of alt of IMG if the value is not null.**

**Otherwise, the name is innerHTML**

**cannot catch the click of hook.**