Main Flow

SOME TERMINOLOGY DIFFERENCE：

1. Frame Tree and Render Tree

Gecko calls the tree of visually formatted elements a "Frame tree". Each element is a frame. WebKit uses the term "Render Tree" and it consists of "Render Objects".
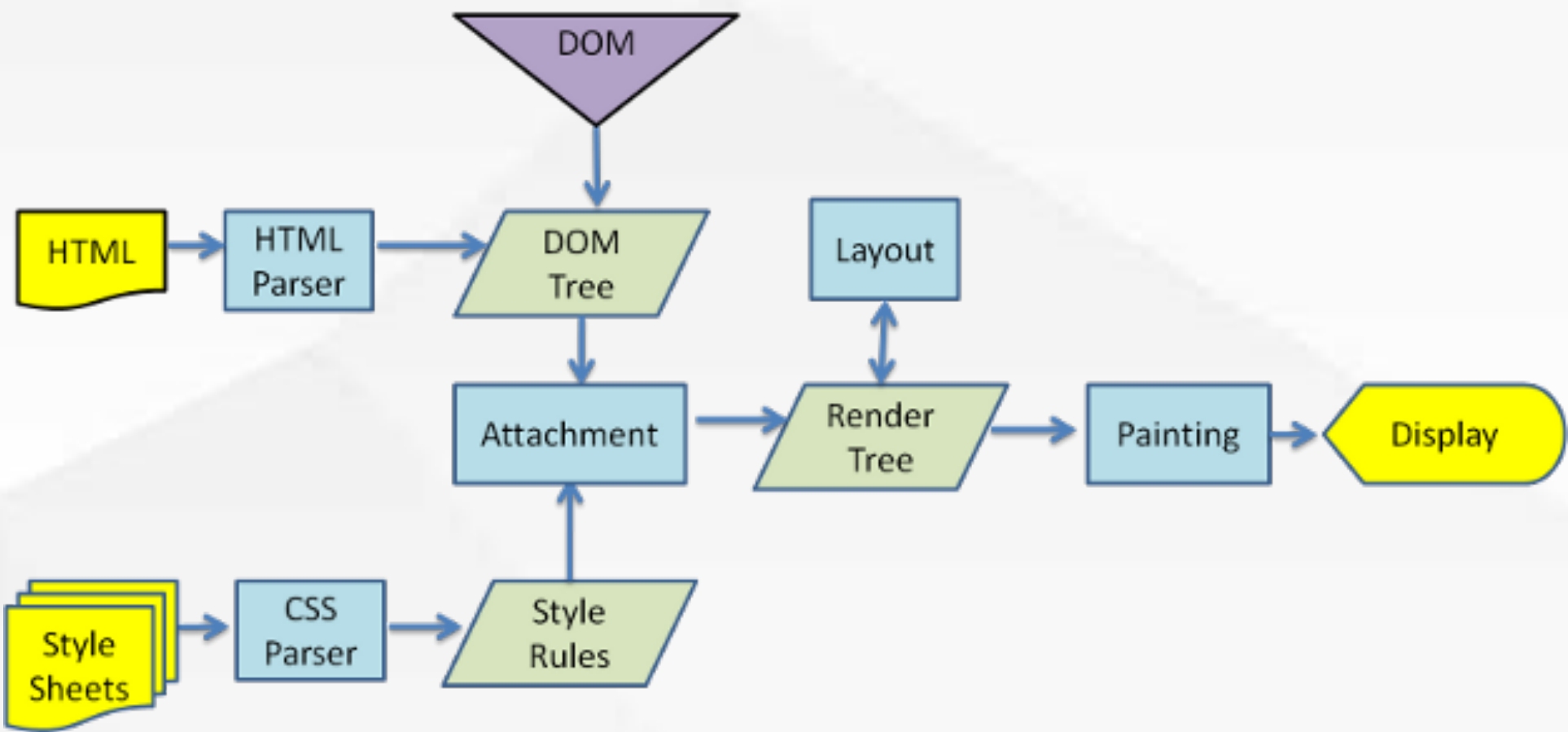
2. Layout and Reflow

WebKit uses the term "layout" for the placing of elements, while Gecko calls it "Reflow".
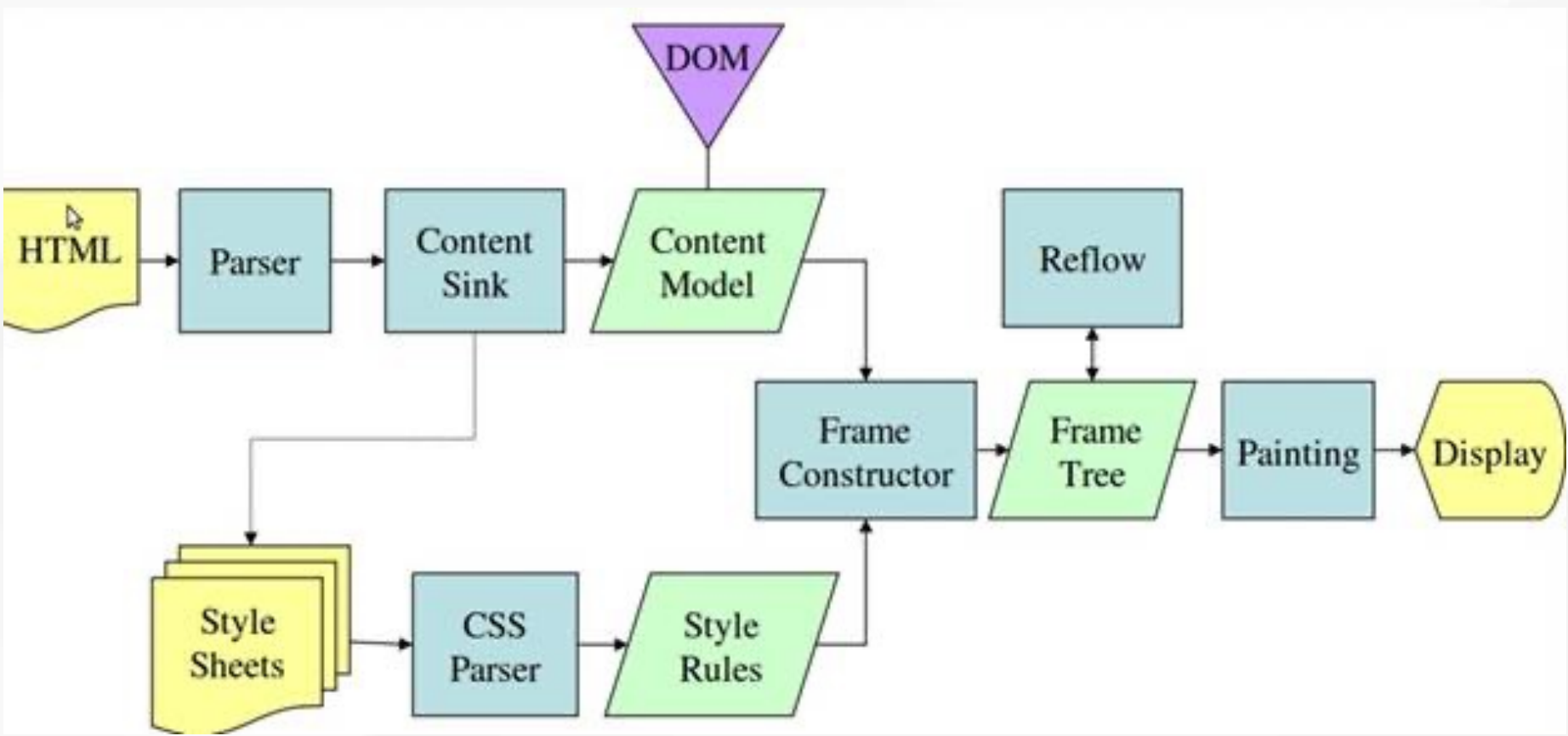
3. Attachment

"Attachment" is WebKit's term for connecting DOM nodes and visual information to create the render tree.

4. content sink

Gecko has an extra layer between the HTML and the DOM tree. It is called the "content sink" and is a factory for making DOM elements.

WEBKIT MAIN FLOW

MOZILLA'S GECKO RENDERING ENGINE MAIN FLOW

3.Parsing and DOM tree construction