DHTML : An HTML to Dash Library

Greetings! Simplification is the goal of the library, and this file aswell… (hopefully)

/!\------------------HISTORY---

But first, let me tell you why I am working on it. Since I've discovered Dash not a long time ago I always thought it was frustrating to write dash apps in python and almost everybody knows how to write HTML at this stage, and it is often faster to write it than having to think about the layout of the dash app. That's is why, using HTMLParser, I wrote a small script that converts HTML layouts into dash layouts (with the idents). This script wasn't flawless (didn't support HTML styling, didn't allow you to write DCC in it).

So to solve all these 'misses' I decided to work on a full library, which goal is to write dash apps faster and enhance the styling process (because beautiful is amazinger).

/!\------------------COMMANDS/SYNTAX--

It's always great to have intuitive syntax so check it out:

_____IN HTML_____

Write your standard HTML file exactly the same way you would do for a website. When you want to insert a dash_core_components element, write it like a HTML tag with 'dcc' in front of it.

Example:

To add a graph write <dccGraph id=… >

_____IN PYTHON_____

Example:

```
obj = Dhtml(input file, output file[default=dhtmlresult.py])
obj.dparse()
print(obj.dread())
```

Let's take a look at the syntax of dparse():

d	parse
Here 'd' stands for DashHtml, but every function exists with it's 'h' variant, which stands for HTML	'parse' is the name of the function called

Following this logic, hparse() returns the parsing but without the dash elements.