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Magic Merge

A Merge Conflict Resolution Tool

Problem

Not all Merge Conflicts are really 'Conflicts'

USER 1	USER 2	Merge Conflict Status by Git	Truly Conflict?
String str = "hey";	String str = "Hey!";	YES	YES
String str = "hey";	String str = "hey";	YES	NO

Solution

Create a tool to automatically resolve simple merge conflicts

Current Tools

Git MergeTool - Interactive GUI

Limitations

Doesn't resolve simple conflicts

```
<!DOCTYPE html>
                                                             <!DOCTYPE html>
<head>
                                                             <head>
   <script src="http://code.jquery.com/jquery-1.11.0.</pre>
                                                                 <script src="http://code.jquery.com/jquery-1.11.0.</pre>
   <script src="http://code.jquery.com/jquery-migrate"</pre>
                                                                 >Hello!</h1>
                                                                     <style>
       body {
                                                                         This is line 1.
           text-align: center;
                                                                         This is line 2.
           font-family: "Verdana", sans-serif;
                                                                 <script src="http://code.jquery.com/jquery-migrate</pre>
                                                                 <style>
       ul {
                                                                     body {
           list-style-type: none;
                                                                         text-align: center;
                                                                         font-family: "Verdana", sans-serif;
           padding: 0;
                                                                     ol {
   </style>
</head>
                                                                         list-style-type: none;
<body>
                                                                         padding: 0;
   <div>
       <h1>Hello!</h1>
                                                                 </style>
       <11>
                                                             </head>
           This is line 1.
                                                             <body>
                                                                 <h1>Hello!</h1>
           This is line 2.
       <div>
   </div>
                                                                     <h1
</body>
                                                                         This is line 3.
</html>
                                                                     </div>
                                                             </body>
                                                             </html>
```