

match_parens find mismatches of parentheses, braces, (angle) brackets, in texts

doc generated from the script with `gendoc`

ruby script, version=1.41

Synopsis

```
match_parens [filename]
```

Description

Mismatches of parentheses, braces, (angle) brackets, especially in TeX sources which may be rich in those, may be difficult to trace. This little script helps you by writing your text to standard output, after adding a left margin to your text, which will normally be almost empty, but will clearly show any mismatches. (Just try me on myself to see that the parenthesis starting this sentence will not appear to be matched at the end of the file. If you look at me in the vim editor, then select this paragraph and try the command `:%`).

The exit value of the script is 0 when there are no mismatches, 1 otherwise.

Angle brackets are only looked for inside HTML text, where HTML is supposed to start with `<html>` or `=begin_rdoc` and to end with `</html>` or `=end`.

Examples

Suppose we have two files, `good` and `bad`, containing these texts:

```
good:                                bad:
This is a (simple) test                This is a (simple test
without mismatches                    containing mismatches
```

then here are some usage examples. First a simple test on these files:

```
$ match_parens good
  1      This is a (simple) test
  2      without mismatches
$ echo $?
0
$ match_parens bad
  1 (      This is a (simple test
  2 (      containing mismatches
$ echo $?
1
```

Just report if there are mismatches:

```
$ match_parens good >/dev/null && echo fine || echo problems
fine
$ match_parens bad >/dev/null && echo fine || echo problems
problems
```

Report all tex files with mismatches in the current directory:

```
$ for i in *.tex; do match_parens $i >/dev/null || echo $i; done
```

Matches must be in correct order:

```
$ echo -e "This is a ([simple]) test\n" | match_parens
  1 ([])   This is a ([simple]) test
  2 ([])
```

Bugs

Conversion of “...” to “...” should only be done in latex files

See also

matchparens: the Bash version, which is 10+ times slower

Changes

Changes with respect too version 1.4:

- clearer output
- added -help and -version options
- documentation adapted to gendoc

Author and copyright

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