Unexpected "statements are not aligned" error for unnecessary semicolon #2608

New issue

⊘ Closed   **sbj42** opened this issue on Apr 20, 2017 · 5 comments

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sbj42 commented on Apr 20, 2017   Contributor

Bug Report

The `align` rule is reporting "statements are not aligned" for unnecessary semicolons. This isn't a huge problem, because one should not use unnecessary semicolons anyway, but it is confusing and it would be better if the align rule left that up to the `semicolons` rule, whose complaint "Unnecessary semicolon" is more to the point.

- **TSLint version**: 5.1.0
- **TypeScript version**: 2.2.2
- **Running TSLint via**: CLI

TypeScript code being linted

```
function test() {
};
```

with `tslint.json` configuration:

```
{
  "rules": {
      "align": [true, "statements"]
```

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

TSLint v5.4

3 participants

Actual behavior

```
ERROR: test.ts[2, 2]: statements are not aligned
```

Expected behavior

No error.

sbj42 commented on Apr 29, 2017   `Author` `Contributor`

I looked into this. I think this behavior began at commit `c1a167e` , where the align statements test was updated to make sure this behavior happens. Looks like this was either part of fixing #2366, or of a general enhancement to the align rule.

I think this particular behavior is incorrect. Yes, technically the empty statement created by the semicolon is a statement, and yes it doesn't align with the previous statement. But I think this results in a confusing message to the user.

I suspect it can be easily avoided by ignoring empty statements in this rule. For instance, by changing `node.statements` at `alignRule.ts:85` to `node.statements.filter(s => !isEmptyStatement(s))` .

ajafff commented on Apr 29, 2017   `Collaborator`

> I suspect it can be easily avoided by ignoring empty statements in this rule. For instance, by changing node.statements at alignRule.ts:85 to node.statements.filter(s => !isEmptyStatement(s)).

@sbj42 You're right, that's the only thing needed to fix this. Would you mind to submit a PR with that fix?

sbj42 added a commit to sbj42/tslint that referenced this issue on Apr 30, 2017

    `Don't report 'statements are not aligned' for empty statements`   ...   `22eae1d`

sbj42 referenced this issue on Apr 30, 2017

Don't report 'statements are not aligned' for empty statements #2653   `⑃ Merged`

☑ 3 of 4 tasks complete

sbj42 commented on Apr 30, 2017   `Author` `Contributor`

Done. So far I can't seem to get `"members"` to work. I might be just doing it wrong.

nchen63 added a commit that referenced this issue on May 1, 2017

    `Don't report 'statements are not aligned' for empty statements (#2653)`   ...   ✔ `3cd1fc9`

sbj42 commented on May 3, 2017   `Author` `Contributor`

I'm satisfied with the resolution of this issue. **@ajafff** mentioned a possible related issue at this comment, but I don't know how to cause it - perhaps that can be submitted as a separate issue if someone produces a test case for it.

sbj42 closed this on May 3, 2017

📝 3 of 4 tasks complete

ajafff commented on May 3, 2017　　　　　　　　　　　　　　　　　　`Collaborator`

@sbj42 I just opened #2668 to fix the problem with SemicolonClassElement that I mentioned above

🔖　😎 **renovate-bot** referenced this issue on May 4, 2017

　　　Update dependency tslint to version 5.2.0 #282　　　　　　　　　🔀 Merged

🗺️　**adidahiya** added this to the **TSLint v5.4** milestone on May 24, 2017

🔖　**MichaelTontchev** referenced this issue on Jul 22, 2017

　　　Incorrect "error : statements are not aligned" error being thrown #3065　　🕑 Closed