

New issue

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Assertion 'ecma_is_value_undefined (value) ||
ecma_is_value_null (value) || ecma_is_value_boolean (value) ||
ecma_is_value_number (value) || ecma_is_value_string (value) ||
ecma_is_value_bigint (value) || ecma_is_value_symbol (value) ||
ecma_is_value_object (value)' failed in ecma-helpers-
value(ecma_check_value_type_is_spec_defined) #4872

✓ Closed

hope-fly opened this issue on Dec 9, 2021 · 0 comments · Fixed by [#4878](#)

Assignees



Labels

bug

hope-fly commented on Dec 9, 2021 • edited

JerryScript revision

Commit: [51da1551](#)

Version: v3.0.0

Build platform

Ubuntu 18.04.5 LTS (Linux 5.4.0-44-generic x86_64)

Build steps

```
./tools/build.py --clean --debug --profile=es2015-subset --compile-flag=-fsanitize=address --compile-
```



Test case

```
function JSEtest(f, iters = 1000) {  
  for (let i = 0; i < iters; i++) {  
    f();  
  }  
}
```

```
function throwTDZ(f) {  
  let threw = false;  
  try {  
    f();  
  } catch (e) {  
    ;  
  }  
}
```

```
JSEtest(function () {  
  class M {  
    get foo() {  
      return this._x;  
    }  
    set foo(x) {  
      this._x = x;  
    }  
  }  
}
```

```
function fooProp() {  
  return 'foo';  
}
```

```
class T1 extends M {  
  constructor() {  
    super.foo = 20;  
  }  
}
```

```
class T2 extends M {  
  constructor() {  
    super[fooProp()] = 20;  
  }  
}
```

```
class T3 extends M {  
  constructor() {  
    super[fooProp()];  
  }  
}
```

```
class T4 extends M {  
  constructor() {  
    super.foo;  
  }  
}
```

```
class T5 extends M {  
  constructor() {
```

```

        (() => super.foo = 20)();
    }
}

class T6 extends M {
    constructor() {
        (() => super[fooProp()] = 20)();
    }
}

class T7 extends M {
    constructor() {
        (() => super[fooProp()]())();
    }
}

class T8 extends M {
    constructor() {
        (() => super.foo)();
    }
}

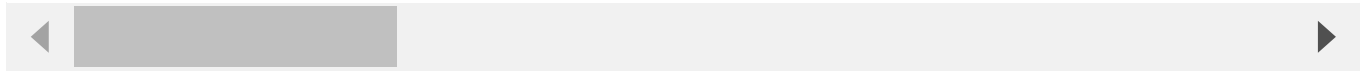
throwTDZ(function () {
    new T1();
});
throwTDZ(function () {
    new T2();
});
throwTDZ(function () {
    new T3();
});
throwTDZ(function () {
    new T4();
});
throwTDZ(function () {
    new T5();
});
throwTDZ(function () {
    new T6();
});
throwTDZ(function () {
    new T7();
});
throwTDZ(function () {
    new T8();
});
});

```

Execution steps & Output


```
$ ./jerryscript/build/bin/jerry poc.js
```

```
ICE: Assertion 'ecma_is_value_undefined (value) || ecma_is_value_null (value) || ecma_is_value_boolea
Error: ERR_FAILED_INTERNAL_ASSERTION
```



Credits: Found by OWL337 team.

  **rerobika** self-assigned this on Dec 9, 2021

 **rerobika** added a commit to rerobika/jerryscript that referenced this issue on Dec 9, 2021

 Fix arrow function this binding resolving if environment record is pr... ... ✓ c6aab48

  **rerobika** added the **bug** label on Dec 9, 2021

  **rerobika** mentioned this issue on Dec 9, 2021

Fix arrow function this binding resolving if environment record is present #4878


 Merged

 **ossy-szeged** closed this as completed in [#4878](#) on Dec 15, 2021

 **ossy-szeged** pushed a commit that referenced this issue on Dec 15, 2021

 Fix arrow function this binding resolving if environment record is pr... ... ✓ 070096f

Assignees

 **rerobika**

Labels

bug

Projects

None yet


Milestone

No milestone

no milestone

Development

Successfully merging a pull request may close this issue.

 **Fix arrow function this binding resolving if environment record is present**
rerobika/jerryscript

2 participants

