



# config

Validates the compiler [configuration options](#).

## Rule Details

React Compiler accepts various [configuration options](#) to control its behavior. This rule validates that your configuration uses correct option names and value types, preventing silent failures from typos or incorrect settings.

## Invalid

Examples of incorrect code for this rule:

```
// ❌ Unknown option name
module.exports = {
  plugins: [
    ['babel-plugin-react-compiler', {
      compileMode: 'all' // Typo: should be compilationMode
    }]
  ]
};

// ❌ Invalid option value
module.exports = {
  plugins: [
    ['babel-plugin-react-compiler', {
      compilationMode: 'everything' // Invalid: use 'all' or 'infer'
    }]
  ]
};
```

# Valid

Examples of correct code for this rule:

```
// ✅ Valid compiler configuration
module.exports = {
  plugins: [
    ['babel-plugin-react-compiler', {
      compilationMode: 'infer',
      panicThreshold: 'critical_errors'
    }]
  ]
};
```


## Troubleshooting

### Configuration not working as expected

Your compiler configuration might have typos or incorrect values:

```
// ❌ Wrong: Common configuration mistakes
module.exports = {
  plugins: [
    ['babel-plugin-react-compiler', {
      // Typo in option name
      compilationMod: 'all',
      // Wrong value type
      panicThreshold: true,
      // Unknown option
      optimizationLevel: 'max'
    }]
  ]
};
```

Check the [configuration documentation](#) for valid options:

```
//  Better: Valid configuration
module.exports = {
  plugins: [
    ['babel-plugin-react-compiler', {
      compilationMode: 'all', // or 'infer'
      panicThreshold: 'none', // or 'critical_errors', 'all_errors'
      // Only use documented options
    }]
  ]
};
```

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