

15.4.4.10 Array.prototype.sort (comparefn)

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If *comparefn* is supplied and is not a consistent comparison function for the elements of this array (see below), then the behavior is implementation-defined. Let *len* be `ToUint32(this.length)`. If there exist integers *i* and *j* and an object *P* such that all of the conditions below are satisfied, then the behavior is also implementation-defined:

- $0 \leq i < len$
- $0 \leq j < len$
- `this` does not have a property with name `Tostring(i)`
- *P* is obtained by following one or more `[[prototype]]` links starting at `this`
- *P* has a property with name `Tostring(j)`.

Otherwise the following steps are taken:

...