

# Locale-sensitive case conversion

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At the last meeting, it was noted that the case-conversion functions were the only locale-sensitive functions that didn't have locale-independent counterparts. We agreed to make `toLowerCase()` and `toUpperCase()` locale-independent and add two new functions, `toLocaleLowerCase()` and `toLocaleUpperCase()`, with locale-sensitive behavior. The changes to the two existing functions were rolled into the big I18N proposal. The definitions of the two new functions are given here:

```
String.prototype.toLocaleLowerCase()
```

This function works exactly the same as `toLowerCase()`, except that its result is intended to yield the correct result for the host environment's current locale, rather than a locale-independent result. There will only be a difference in the few cases (such as Turkish) where the rules for that language conflict with the regular Unicode case mappings.

**NOTE** The first parameter to this function is likely to be used in the next version of this standard; we recommend that implementations do not use this parameter position for anything else.

```
String.prototype.toLocaleUpperCase()
```

This function works exactly the same as `toUpperCase()`, except that its result is intended to yield the correct result for the host environment's current locale, rather than a locale-independent result. There will only be a difference in the few cases (such as Turkish) where the rules for that language conflict with the regular Unicode case mappings.

**NOTE** The first parameter to this function is likely to be used in the next version of this standard; we recommend that implementations do not use this parameter position for anything else.