

# srfi-29 egg

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Provides SRFI-29.  
Extension for Chicken Scheme  
Version 1.3

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# 1 About this egg

## 1.1 Version history

- 1.3 Exports
- 1.2 Faster lookup
- 1.1 Added deletion procedures
- 1.0 Initial release

## 1.2 Requirements

This egg requires the following extensions:

```
lookup-table, miscmacros, locale, chicken-2.223+
```

## 1.3 Usage

Load this egg like so:

```
(require-extension srfi-29)
```

## 2 Documentation

srfi-29 is a CHICKEN port of SRFI-29.

This package largely follows the specification of SRFI-29. For more information see the documentation for [SRFI-29](#).

Bundles are assumed stored in the system bundle directory, (repository-path) "srfi-29-bundles". Within a bundle directory the structure is [(language) [(country)]] (module).

The default language is 'en. The default country is 'us. The locale package will override these if a locale is set. Otherwise the user must set the corresponding parameters.

### 2.1 Extensions to SRFI-29

The `store-bundle` and `load-bundle!` procedures accept an optional string directory path as the second argument, overriding the system bundle directory.

The `localized-template` procedure accepts a string object for the `template-name`.

All filesystem operations are assumed to succeed. Otherwise an error condition is raised.

`reset-locale-parameters` [procedure]  
 (`reset-locale-parameters`)

If you change current-locale (see the locale egg documentation), you don't have to set the current-language and current-country parameters, you can simply call this procedure, and it will update those parameters to the values in the new locale. (Reset as in set anew.)

`undeclare-bundle!` [procedure]  
 (`undeclare-bundle!` BUNDLE-SPECIFIER)

Removes the bundle specified by BUNDLE-SPECIFIER from the active bundles.

`remove-bundle!` [procedure]  
 (`remove-bundle!` BUNDLE-SPECIFIER [ALTERNATE-DIR])

Removes the bundle specified by BUNDLE-SPECIFIER from the active bundles, and from the filesystem. The bundle directory is ALTERNATE-DIR, unless missing. Then the system bundle directory is used.

Will not remove the language [country] directory hierarchy created by `store-bundle!`.

### 3 Issues

Possible race condition creating a bundle file or directory.

`current-locale-details` is ill-defined, which symbol means what? This implementation defines `details` as a 3 element list, (script codeset modifier), where a missing element is indicated by `#f`.

The locale symbols must have a lowercase printname! As such they do not truly reflect ISO 639-1/2 & ISO 3166-1 standard names.

The locale details are ignored if part of a bundle specifier.

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