

Using the Ruby Distribution

This page provides important information for users of the Ice for Ruby distribution.

On this page:

- [Overview of the Ice for Ruby Distribution](#)
- [Installing the Ice for Ruby Distribution](#)
- [Using Ice for Ruby](#)
- [Using the Sample Programs](#)

Overview of the Ice for Ruby Distribution

Ice for Ruby is available as a collection of Ruby gems. Each package provides the following components:

- Ice extension for Ruby
- Standard Slice files
- Slice-to-Ruby compiler (`slice2rb`)

[Back to Top ^](#)

Installing the Ice for Ruby Distribution

Linux and macOS users can install Ice for Ruby using this command:

```
gem install zeroc-ice
```

This gem builds Ice for Ruby from source and supports Ruby 2.0 or later.

[Back to Top ^](#)

Using Ice for Ruby

The installation process automatically adds the Ice modules to Ruby's package directory and adds the Slice-to-Ruby compiler (`slice2rb`) to a directory that's likely already in your executable search path. To verify that Ice is installed, execute these commands:

```
irb
irb> require 'Ice'
irb> Ice::getSliceDir()
```

The output of `getSliceDir` shows where the standard Slice files have been installed.

The Ice manual provides a complete description of the [Ruby mapping](#), including the options for [generating Ruby code](#) from Slice definitions.

[Back to Top ^](#)

Using the Sample Programs

Sample programs are provided in a separate [GitHub repository](#). You can browse this repository to see build and usage instructions for all supported programming languages. Simply clone this repository:

```
git clone -b 3.7 https://github.com/zeroc-ice/ice-demos.git
cd ice-demos
```

[Back to Top ^](#)