

String Conversion Convenience Functions

The Ice namespace provides four convenience functions that make it easy to [convert strings](#) to and from UTF-8:

C++

```
namespace Ice {  
  
    std::string nativeToUTF8(const Ice::StringConverterPtr&, const std::string&);  
  
    std::string nativeToUTF8(const Ice::CommunicatorPtr&, const std::string&);  
  
    std::string UTF8ToNative(const Ice::StringConverterPtr&, const std::string&);  
  
    std::string UTF8ToNative(const Ice::CommunicatorPtr&, const std::string&);  
  
}
```

The overloads allow you to either use the string converter that is configured on a communicator or to explicitly pass a specific string converter that performs the conversion.

See Also

- [UTF-8 Conversion](#)