

ExtUtils::Typemaps::STL::String(3) User Contributed Perl Documentation ExtUtils::Typemaps::STL::String(3)

NAME

ExtUtils::Typemaps::STL::String – A set of typemaps for STL std::strings

SYNOPSIS

```
use ExtUtils::Typemaps::STL::String;
# First, read my own type maps:
my $private_map = ExtUtils::Typemaps->new(file => 'my.map');

# Then, get the object map set and merge it into my maps
$private_map->merge(typemap => ExtUtils::Typemaps::STL::String->new);

# Now, write the combined map to an output file
$private_map->write(file => 'typemap');
```

DESCRIPTION

ExtUtils::Typemaps::STL::String is an ExtUtils::Typemaps subclass that provides a set of mappings for C++ STL strings. These are:

TYPEMAP

```
std::string    T_STD_STRING
std::string*   T_STD_STRING_PTR
```

INPUT

```
T_STD_STRING
    $var = std::string( SvPV_nolen( $arg ), SvCUR( $arg ) );
```

T_STD_STRING_PTR

```
$var = new std::string( SvPV_nolen( $arg ), SvCUR( $arg ) );
```

OUTPUT

```
T_STD_STRING
    $arg = newSVpv( $var->c_str(), $var->length() );
```

T_STD_STRING_PTR

```
$arg = newSVpv( $var->c_str(), $var->length() );
```

METHODS

These are the overridden methods:

new

Creates a new ExtUtils::Typemaps::STL::String object. It acts as any other ExtUtils::Typemaps object, except that it has the string type maps initialized.

SEE ALSO

ExtUtils::Typemaps, ExtUtils::Typemaps::Default, ExtUtils::Typemaps::ObjectMap

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