

**NAME**

**\_\_iconv\_get\_list**, **\_\_iconv\_free\_list** - retrieving a list of character encodings supported by iconv(3)

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

```
#include <iconv.h>
```

*int*

```
__iconv_get_list(char ***names, size_t count, bool paired);
```

*void*

```
__iconv_free_list(char **names, size_t count);
```

**DESCRIPTION**

The **\_\_iconv\_get\_list**() function obtains a list of character encodings that are supported by the iconv(3) call. The list of the encoding names will be stored in *names* and the number of the entries is stored in *count*. If the *paired* variable is true, the list will be arranged into canonical/alias name pairs.

The **\_\_iconv\_free\_list**() function is to free the allocated memory during the call of **\_\_iconv\_get\_list**().

**RETURN VALUES**

Upon successful completion **\_\_iconv\_get\_list**() returns 0 and set the *names* and *count* arguments. Otherwise, -1 is returned and *errno* is set to indicate the error.

**SEE ALSO**

iconv(3), iconvlist(3)

**STANDARDS**

The **\_\_iconv\_get\_list** and **\_\_iconv\_free\_list** functions are non-standard interfaces, which appeared in the implementation of the Citrus Project. The iconv implementation of the Citrus Project was adopted in FreeBSD 9.0.

**AUTHORS**

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