

# globus rsl assist

## 2.2

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# Contents

<b>1</b>	<b><a href="#">RSL Helper Functions</a></b>	<b>1</b>
<b>2</b>	<b><a href="#">Module Index</a></b>	<b>1</b>
2.1	<a href="#">Modules</a> . . . . .	1
<b>3</b>	<b><a href="#">Module Documentation</a></b>	<b>1</b>
3.1	<a href="#">RSL Helper Functions</a> . . . . .	1
3.1.1	<a href="#">Detailed Description</a> . . . . .	1
3.1.2	<a href="#">Function Documentation</a> . . . . .	1

## 1 RSL Helper Functions

[RSL Helper Functions](#)

## 2 Module Index

### 2.1 Modules

Here is a list of all modules:

<b>RSL Helper Functions</b>	<b>1</b>
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## 3 Module Documentation

### 3.1 RSL Helper Functions

#### Functions

- int [globus\\_rsl\\_assist\\_attributes\\_canonicalize](#) (globus\_rsl\_t \*rsl)
- void [globus\\_rsl\\_assist\\_string\\_canonicalize](#) (char \*ptr)

#### 3.1.1 Detailed Description

The rsl\_assist library provide a set of functions to canonicalize RSL parse trees or strings.

#### 3.1.2 Function Documentation

##### 3.1.2.1 int globus\_rsl\_assist\_attributes\_canonicalize (globus\_rsl\_t \* rsl)

Canonicalize all attribute names in an RSL parse tree. The [globus\\_rsl\\_assist\\_attributes\\_canonicalize\(\)](#) function performs an in-place canonicalization of the RSL parse tree pointed to by its *rsl* parameter. All relation attribute names will be changed so that they lower-case, with all internal underscore characters removed.

**Parameters:**

*rsl* Pointer to the RSL parse tree to canonicalize.

**Returns:**

If [globus\\_rsl\\_assist\\_attributes\\_canonicalize\(\)](#) is successful, it will ensure that all attribute names in the given RSL will be in canonical form and return GLOBUS\_SUCCESS. If an error occurs, it will return GLOBUS\_FAILURE.

**Return values:**

**GLOBUS\_SUCCESS** Success

**GLOBUS\_FAILURE** Failure

**3.1.2.2 void globus\_rsl\_assist\_string\_canonicalize (char \* *ptr*)**

Canonicalize an attribute name. The [globus\\_rsl\\_assist\\_string\\_canonicalize\(\)](#) function modifies the NULL-terminated string pointed to by its *ptr* parameter so that it is in canonical form. The canonical form is all lower-case with all underscore characters removed.

**Parameters:**

*ptr* Pointer to the RSL string to modify in place.

**Returns:**

void

## Index

- globus\_rsl\_assist
  - globus\_rsl\_assist\_attributes\_canonicalize, [1](#)
  - globus\_rsl\_assist\_string\_canonicalize, [1](#)
- globus\_rsl\_assist\_attributes\_canonicalize
  - globus\_rsl\_assist, [1](#)
- globus\_rsl\_assist\_string\_canonicalize
  - globus\_rsl\_assist, [1](#)
- RSL Helper Functions, [1](#)