

# globus rsl assist Reference Manual

## 2.2

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## 1 RSL Helper Functions

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## 2 globus\_rsl\_assist Module Index

### 2.1 globus\_rsl\_assist Modules

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## 3 globus\_rsl\_assist 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

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