

globus rsl assist Reference Manual

2.2

Generated by Doxygen 1.3.9.1

Sat Apr 30 08:10:52 2011

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1 RSL Helper Functions

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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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