

NAME

Glib::VariantType – Utilities for dealing with the GVariant type system

HIERARCHY

```
Glib::Boxed
+----Glib::VariantType
```

METHODS

varianttype = Glib::VariantType->new (\$type_string)

- \$type_string (string)

varianttype = Glib::VariantType->new_array (\$element)

- \$element (Glib::VariantType)

varianttype = Glib::VariantType->new_dict_entry (\$key, \$value)

- \$key (Glib::VariantType)
- \$value (Glib::VariantType)

varianttype = Glib::VariantType->new_maybe (\$element)

- \$element (Glib::VariantType)

varianttype = Glib::VariantType->new_tuple (\$items)

- \$items (scalar)

varianttype = \$type->element

boolean = \$type1->equal (\$type2)

- \$type2 (Glib::VariantType)

varianttype = \$type->first

integer = \$type->hash

boolean = \$type->is_array

boolean = \$type->is_basic

boolean = \$type->is_container

boolean = \$type->is_definite

boolean = \$type->is_dict_entry

boolean = \$type->is_maybe

boolean = \$type->is_subtype_of (\$supertype)

- \$supertype (Glib::VariantType)

boolean = \$type->is_tuple

boolean = \$type->is_variant

varianttype = \$type->key

unsigned = \$type->n_items

varianttype = \$type->next

scalar = \$type->get_string

boolean = Glib::VariantType::string_is_valid (\$type_string)

- \$type_string (string)

(type_string, rest) = Glib::VariantType::string_scan (\$string)

Scans the start of \$string for a complete type string and extracts it. If no type string can be found, an exception is thrown.

varianttype = \$type->value

SEE ALSO

Glib, Glib::Boxed, Glib::Variant

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