

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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