

libWRP-SQLite3

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# Chapter 1

## Class Index

### 1.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

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## Chapter 2

# Class Documentation

### 2.1 WonderRabbitProject::SQLite3::detail::column< N, T > Struct Template Reference

#### Static Public Member Functions

- static T **get** (C::sqlite3\_stmt \*ps)

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/detail.hpp

### 2.2 WonderRabbitProject::SQLite3::detail::column< N, double > Struct Template Reference

#### Static Public Member Functions

- static double **get** (C::sqlite3\_stmt \*ps)

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/detail.hpp

### 2.3 WonderRabbitProject::SQLite3::detail::column< N, int32\_t > Struct Template Reference

#### Static Public Member Functions

- static int32\_t **get** (C::sqlite3\_stmt \*ps)

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/detail.hpp

### 2.4 WonderRabbitProject::SQLite3::detail::column< N, int64\_t > Struct Template Reference

### Static Public Member Functions

- static int64\_t **get** (C::sqlite3\_stmt \*ps)

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/detail.hpp

## 2.5 WonderRabbitProject::SQLite3::detail::column< N, std::string > Struct Template Reference

### Static Public Member Functions

- static std::string **get** (C::sqlite3\_stmt \*ps)

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/detail.hpp

## 2.6 WonderRabbitProject::SQLite3::detail::column< N, std::u16string > Struct Template Reference

### Static Public Member Functions

- static std::u16string **get** (C::sqlite3\_stmt \*ps)

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/detail.hpp

## 2.7 WonderRabbitProject::SQLite3::detail::column< N, std::vector< char > > Struct Template Reference

### Static Public Member Functions

- static std::vector< char > **get** (C::sqlite3\_stmt \*ps)

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/detail.hpp

## 2.8 WonderRabbitProject::SQLite3::detail::column< N, std::vector< int8\_t > > Struct Template Reference

### Static Public Member Functions

- static std::vector< int8\_t > **get** (C::sqlite3\_stmt \*ps)

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/detail.hpp



## 2.9 WonderRabbitProject::SQLite3::detail::column< N, std::vector< uint8\_t > > Struct Template Reference

### Static Public Member Functions

- static std::vector< uint8\_t > **get** (C::sqlite3\_stmt \*ps)

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/detail.hpp

## 2.10 WonderRabbitProject::SQLite3::prepare\_t Struct Reference

### Public Member Functions

- template<size\_t N, class T >  
T **data\_element** () const
- template<class... TS>  
std::tuple< TS...> **data\_row** () const
- template<class... TS>  
std::vector< std::tuple< TS...> > **data** () const
- RESULT\_CODE **step** () const
- const [prepare\\_t](#) & **bind** (const std::vector< uint8\_t > &blob, const int index=1) const
- const [prepare\\_t](#) & **bind** (const double v, const int index=1) const
- const [prepare\\_t](#) & **bind** (const int32\_t v, const int index=1) const
- const [prepare\\_t](#) & **bind** (const int64\_t v, const int index=1) const
- const [prepare\\_t](#) & **bind** (decltype(nullptr), const int index=1) const
- const [prepare\\_t](#) & **bind** (const std::string &text, const int index=1) const
- const [prepare\\_t](#) & **bind** (const std::u16string &text, const int index=1) const
- const [prepare\\_t](#) & **bind** (const C::sqlite3\_value &v, const int index=1) const
- const [prepare\\_t](#) **bind** ([zeroblob\\_size\\_t](#) v, const int index=1) const
- const [prepare\\_t](#) & **reset** () const

### Friends

- class **sqlite3\_t**

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3.hpp

## 2.11 WonderRabbitProject::SQLite3::detail::row< T > Struct Template Reference

### Static Public Member Functions

- static void **set** (C::sqlite3\_stmt \*ps, T &tuple)

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/detail.hpp

## 2.12 WonderRabbitProject::SQLite3::detail::row\_< N, T > Struct Template Reference

### Static Public Member Functions

- static void **set** (C::sqlite3\_stmt \*ps, T &tuple)

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/detail.hpp

## 2.13 WonderRabbitProject::SQLite3::detail::row\_< 0, T > Struct Template Reference

### Static Public Member Functions

- static void **set** (C::sqlite3\_stmt \*ps, T &tuple)

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/detail.hpp

## 2.14 WonderRabbitProject::SQLite3::sqlite3\_t Struct Reference

### Public Member Functions

- **sqlite3\_t** (const std::string &filename=u8":memory:", OPEN\_FLAGS flags=default\_open\_flags)
- [prepare\\_t](#) **prepare** (const std::string &sql) const
- [prepare\\_t](#) **prepare** (const std::u16string &sql) const
- template<class T >  
void **execute** (const T &sql) const

### Static Public Attributes

- static constexpr OPEN\_FLAGS **default\_open\_flags**

### 2.14.1 Member Data Documentation

2.14.1.1 constexpr OPEN\_FLAGS WonderRabbitProject::SQLite3::sqlite3\_t::default\_open\_flags [static]

#### Initial value:

```
= OPEN_FLAGS::READWRITE
| OPEN_FLAGS::CREATE
```

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3.hpp

## 2.15 WonderRabbitProject::SQLite3::zeroblob\_size\_t Struct Reference

### Public Member Functions

- **zeroblob\_size\_t** (size\_t size\_\_) noexcept
- size\_t **size** () const

The documentation for this struct was generated from the following file:

- /home/usagi/Dropbox/repos/libWRP-SQLite3/include/WonderRabbitProject/SQLite3/misc.hpp

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