

Error Information

When using the url2cat library, errors may occur as a result, for example, lack of Internet connection, etc. Information about these errors can be found in the file

[/liburl2cat/include/url2cat.h](#)

```
#SUCCESS = 0x0000,
/******/
#CACHE_URL_NOT_FOUND = 0x0001,
#DB_URL_NOT_FOUND = 0x0002,
#SERVER_URL_NOT_FOUND = 0x0003,
#URL_END_CHECK = 0x0004,
#DB_IS_BEING_UPDATED = 0x0005,
#WARNING = 0x1000,
/******/
#INIT_REPEATED = 0x1001,
#INIT_DB_NAME_EMPTY = 0x1002,
#INIT_DB_UPDATE_HOST_EMPTY = 0x1003,
#INIT_DB_UPDATE_PATH_EMPTY = 0x1004,
#INIT_DB_DOWNLOAD_PATH_EMPTY = 0x1005,
#INIT_DB_UPDATE_USER_EMPTY = 0x1006,
#INIT_DB_UPDATE_PASSWORD_EMPTY = 0x1007,
#INIT_SERVER_HOST_EMPTY = 0x1008,
#INIT_SERVER_PATH_EMPTY = 0x1009,
#INIT_SERVER_USER_EMPTY = 0x100A,
#INIT_SERVER_PASSWORD_EMPTY = 0x100B,
#INIT_RECAT_HOST_EMPTY = 0x100D,
#INIT_RECAT_PATH_EMPTY = 0x100E,
#INIT_RECAT_USER_EMPTY = 0x100F,
#INIT_RECAT_PASSWORD_EMPTY = 0x1010,
#LOCALE_MALLOC_NULL = 0x1011,
#COMMON_BASE64_LEN = 0x1012,
#COMMON_BASE64_MALLOC_NULL = 0x1013,
#CACHE_SIZE_LIMITE = 0x1014,
#CACHE_BUFFER_MALLOC_NULL = 0x1015,
#CACHE_URL_NO_PATH = 0x1016,
#RECAT_HEADER_MALLOC = 0x1017,
#RECAT_CONTENT_MALLOC = 0x1018,
```

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[RECAT_REQUEST_MALLOC = 0x1019,
[RECAT_PARSER_ANSWER = 0x101A,
[RECAT_REQUEST_WRITE = 0x101B,
[RECAT_READ_ANSWER = 0x101C,
[URL_INCORRECT = 0x101D,
[CATEGORY_ARRAY_NULL = 0x101E,
[READ_INI_NOT_OPEN_FILE = 0x101F,
[READ_INI_CALLOC_OPTIONS = 0x1020,
[READ_INI_REALLOC_OPTIONS = 0x1021,
[READ_INI_NOT_OPTION = 0x1022,
[READ_INI_NOT_STREAM = 0x1023,
[READ_INI_MALLOC_BUFF = 0x1024,
[READ_INI_OPTIONS = 0x1025,
[/*****/
[CANON_BUFFER_MALLOC_NULL = 0x2001,
[CANON_BUFFER_MALLOC_REPEAT = 0x2002,
[CANON_BUFFER_REALLOC_NULL = 0x2003,
[CANON_CHAR_HEX_UP = 0x2005,
[CANON_CHAR_HEX_LOW = 0x2006,
[CANON_PATH_SLASH_DOT_DOT = 0x2007,
[/*****/
[DB_OPEN = 0x3001,
[DB_JOURNAL_MODE = 0x3002,
[DB_TEMP_STORE = 0x3003,
[DB_SYNCHRONOUS = 0x3004,
[DB_LOCKING_MODE = 0x3005,
[DB_QUERY_CATEGORY_NAME_PREPARE = 0x3006,
[DB_QUERY_CATEGORY_NAME_STEP = 0x3007,
[DB_QUERY_CATEGORY_NAME_NOT_ROW = 0x3008,
[DB_QUERY_CATEGORY_NAME_TYPE = 0x3009,
[DB_QUERY_CATEGORY_NAME = 0x300A,
[DB_QUERY_USER_VERSION_GET_PREPARE = 0x300B,
[DB_QUERY_USER_VERSION_GET_STEP = 0x300C,
[DB_USER_VERSION_GET = 0x300D,
[DB_QUERY_USER_VERSION_SET_PREPARE = 0x300E,
[DB_QUERY_USER_VERSION_SET_STEP = 0x300F,
[DB_USER_VERSION_SET = 0x3010,
[DB_REQUEST_UPDATE_HEAD_MALLOC_NULL = 0x3011,
[DB_REQUEST_UPDATE_FULL_MALLOC_NULL = 0x3012,
[DB_REQUEST_DOWNLOAD_HEAD_MALLOC_NULL = 0x3013,
[DB_REQUEST_DOWNLOAD_FULL_MALLOC_NULL = 0x3014,
```

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DB_PARSE_ANSWER_NOT_OK = 0x3015,
DB_PARSE_ANSWER_NOT_CONTENT_RANGE = 0x3016,
DB_PARSE_ANSWER_NOT_END_HEAD = 0x3017,
DB_PARSE_ANSWER_NOT_LENGTH = 0x3018,
DB_UPDATE_NOT_MAGIC_STR_HEAD = 0x3019,
DB_UPDATE_NOT_USER_VERSION_HEAD = 0x301A,
DB_DOWNLOAD_NOT_MAGIC_STR_HEAD = 0x301B,
DB_FILE_RENAME = 0x301C,
DB_DOWNLOAD_FILE_NOT_CREAT = 0x301D,
DB_DOWNLOAD_FILE_NOT_FS_STAT = 0x301E,
DB_DOWNLOAD_FILE_NOT_SPACE_DEVICE = 0x301F,
DB_DOWNLOAD_FILE_NOT_FULL = 0x3020,
DB_DOWNLOAD_FILE_NOT_WRITE = 0x3021,
DB_DOWNLOAD_FILE_NOT_MMAP = 0x3022,
DB_DOWNLOAD_FILE_READ = 0x3023,
DB_QUERY_APPLY_PATCH_PREPARE = 0x3024,
DB_QUERY_APPLY_PATCH_STEP = 0x3025,
DB_QUERY_APPLY_PATCH_NOT_DONE = 0x3026,
DB_APPLY_PATCH_NOT_MAGIC_STR = 0x3027,
DB_APPLY_PATCH_NOT_USER_VERSION = 0x3028,
DB_APPLY_PATCH_MISTMACH_USER_VERSION = 0x3029,
DB_APPLY_PATCH_NOT_END_ROW = 0x302A,
DB_UPDATE_HEADER_WRITE = 0x302B,
DB_UPDATE_HEADER_READ = 0x302C,
DB_UPDATE_FULL_WRITE = 0x302D,
DB_UPDATE_FULL_READ = 0x302E,
DB_DOWNLOAD_HEADER_WRITE = 0x302F,
DB_DOWNLOAD_HEADER_READ = 0x3030,
DB_DOWNLOAD_FULL_WRITE = 0x3031,
DB_DOWNLOAD_FULL_READ = 0x3032,
DB_QUERY_CATEGORY_MALLOC_NULL = 0x3033,
DB_QUERY_CATEGORY_PREPARE = 0x3034,
DB_QUERY_CATEGORY_STEP = 0x3035,
DB_QUERY_CATEGORU_NOT_ROW = 0x3036,
DB_URL_NO_PATH = 0x3037,
/*****/
SERVER_REQUEST_GET_PATH_MALLOC_NULL = 0x4001,
SERVER_REQUEST_GET_PATH_REALLOC_NULL = 0x4002,
SERVER_REQUEST_HOST_MALLOC_NULL = 0x4003,
SERVER_REQUEST_BUFFER_MALLOC_NULL = 0x4004,
SERVER_ANSWER_BUFFER_MALLOC_NULL = 0x4005,
```

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SERVER_ANSWER_NOT_OK = 0x4006,  
SERVER_ANSWER_NOT_CATEGORY_TYPE = 0x4007,  
SERVER_ANSWER_NOT_CATEGORY_TYPE_NAME = 0x4008,  
SERVER_ANSWER_NOT_CATEGORY_TYPE_BRACKET = 0x4009,  
SERVER_ANSWER_NOT_CATEGORY_TYPE_NAME_BRACKET = 0x400A,  
SERVER_ANSWER_NOT_CATEGORY_TYPE_INT = 0x400B,  
SERVER_CATEGORY_NOT_CONNECT = 0x400C,  
SERVER_CATEGORY_HOST_WRITE = 0x400D,  
SERVER_CATEGORY_HOST_READ = 0x400E,  
SERVER_INIT_REPEAT = 0x400F,  
/*****/  
NET_HTTPS_NOT_CONNECT = 0x5001,  
NET_SCHEME_NOT_SUPPORT = 0x5002,  
NET_HOST_PORT_MALLOC_NULL = 0x5003,  
NET_CONNECT_FAILURE = 0x5004,  
NET_WRITE_FAILURE = 0x5005,  
NET_READ_FAILURE = 0x5006,  
NET_CHECK_CONNECT_FAILURE = 0x5007,  
NET_SSL_CONF_CTX_finish = 0x5008,  
NET_SSL_BIO_get_ssl = 0x5009,  
NET_SSL_BIO_do_connect = 0x500A,  
NET_SSL_BIO_do_handshake = 0x500B,
```

Revision #3

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