

Functions to iterate over all dongles

Functions

- **GrdFindHandle** **grdFindFirst** (uint32_t findFlags, const **GrdFindMode** *findMode, size_t findModeSize, **GrdFindInfo** *findInfo, size_t findInfoSize)
- uint32_t **grdFindNext** (**GrdFindHandle** handle, **GrdFindInfo** *findInfo, size_t findInfoSize)
- uint32_t **grdFindClose** (**GrdFindHandle** handle)
- uint32_t **grdGetAPIVersionNumber** ()

Detailed Description

To iterate over all dongles in rare cases where the standard scenario is not enough to select the dongle Service functions

Function Documentation

```
GrdFindHandle grdFindFirst (uint32_t findFlags, const GrdFindMode *findMode, size_t findModeSize, GrdFindInfo *findInfo, size_t findInfoSize)
```

Searches for a dongles that matches a specific search criteria

Parameters:

- findFlags** - Combination of GrdFM_XXX flags
- findMode** - A pointer to the **GrdFindMode** structure
- findModeSize** - Size of the **GrdFindMode** structure
- findInfo** - A pointer to the **FindInfo** structure
- findInfoSize** - Size of the **findInfo** buffer

Returns:

If the function succeeds, the return value is a search handle used in a subsequent call to **grdFindNext** or **grdFindClose**, and the findInfo parameter contains information from the first dongle found. If the function fails or fails to locate dongles from the search terms, the return value is INVALID_HANDLE

```
uint32_t grdFindNext (GrdFindHandle handle, GrdFindInfo *findInfo, size_t findInfoSize)
```

Continues a dongles search from a previous call to the **grdFindFirst** function

Parameters:

- handle** - The search handle returned by a previous call to the **grdFindFirst** function
- findInfo** - A pointer to the **FindInfo** structure
- findInfoSize** - Size of the **findInfo** buffer

Returns:

Returns zero if successful, otherwise an error code is returned

```
uint32_t grdFindClose (GrdFindHandlehandle)
```

The **grdFindClose** function closes handles previously opened with **grdFindFirst** function

Parameters:

handle - A valid handle value

Returns:

Returns zero if successful, otherwise an error code is returned

```
uint32_t grdGetAPIVersionNumber ()
```

The **grdGetAPIVersionNumber** function returns the version number of the API. Use this function if your program uses functions and data structures that are not available in all API versions.

Returns:

Returns a number that indicates the API version number.