

```

DBElement
#database: Database
#tablename: String
#db_data: Mixed[]
+__construct(database:Database,tablename:String,
              id:Integer,new_values:Mixed[]=NULL)
+reset_attributes(all:Boolean=false)
+delete(): Boolean
+get_id(): Integer
+set_tablename(tablename: String,value:Mixed): Boolean

```

```

File
-types: String[] = {filepath, icolor, picture, datasheet, other}
+__construct(database:Database,id:Integer,
              new_object:Object,new_filename:String=NULL,
              new_type:String=NULL,new_description:String=NULL)
+get_filename(): String
+get_type(): String
+get_description(): String
+set_filename(new_filename:String): Boolean
+set_description(new_description:String): Boolean
+get_defect_filename_files(): File[]

```

FilesContainingDBElement

```

#files: File[]
+get_files(): File[]

```

NamedDBElements

```

+get_name(): String
+set_name(new_name:String): Boolean
+supplier: Supplier
+__construct(database:Database,id:Integer,
              new_part_id:Integer=NULL,new_supplier_id:Integer=NULL,
              new_price:Float=0)
+reset_attributes(recursive:Boolean=false)
+get_supplier(): Supplier
+get_supplierpartnr(): String
+get_price(): Float
+set_supplier_id(new_supplier_id:Integer): Boolean
+set_supplierpartnr(new_supplierpartnr:String): Boolean
+set_price(new_price:Float): Boolean
+is_element_valid(database:Database,values:Mixed[]): Boolean
+get_count(database:Database): Integer

```

Part

```

-category: Category
-footprint: Footprint
+__construct(database:Database,id:Integer,
              new_name:String=NULL,new_category_id:Integer=NULL,
              new_description:String="",new_minstock:Integer=0,
              new_obsolete:Boolean=false,new_comment:String="",
              new_storelocation_id:Integer=0)
+reset_attributes(all:Boolean=false)
+delete(): Boolean
+get_minstock(): Integer
+get_storelocation(): StorageLocation
+get_comment(): String
+get_obsolete(): Boolean
+get_category(): Category
+get_footprint(): Footprint
+get_storelocation(): StorageLocation
+get_orderdetails(): OrderDetails[]
+get_supplierpartnr(): String[]
+get_prices(): Float[]
+set_description(new_description): Boolean
+set_minstock(new_minstock:Integer): Boolean
+set_comment(new_comment:String): Boolean
+set_obsolete(new_obsolete:Boolean): Boolean
+set_category_id(new_category_id:Integer): Boolean
+set_footprint_id(new_footprint_id:Integer): Boolean
+set_storelocation_id(new_storelocation_id:Integer): Boolean
+set_order_parts(database:Database,values:Mixed[]): Boolean
+get_order_parts(database:Database,values:Mixed[]): Boolean
+get_obsolete_parts(database:Database): Part[]
+get_obsolete_parts(database:Database): Part[]

```

StructuralDBElement

```

#full_path: String
#level: Integer
#subelements: Object[]
+__construct(database:Database,tablename:String,
              new_parent_id:Integer=0,new_values:Mixed[]=array())
+reset_attributes(all:Boolean=false)
+delete(delete_recursive:Boolean=false): Boolean
+get_level(): Integer
+get_full_path(): String
+get_subelements(recursive:Boolean): Object[]
+set_parent_id(new_parent_id:Integer): Boolean
+build_javascript_tree(tree_name:String,recursiv:Boolean=true,
                       target:String="",recursiv:Boolean=true,
                       show_root:Boolean=false,
                       root_name:String=Oberste Ebene,
                       root_expand:Boolean=true,
                       root_is_Link:Boolean=true)
+build_html_tree(tree_name:String,size:Integer=1,
                  selected_id:Integer=NULL,
                  recursive:Boolean=true,show_root:Boolean=true,
                  root_name:String=Oberste Ebene,
                  root_is_Link:Boolean=true)
+is_element_valid(database:Database,values:Mixed[]): Boolean

```

PartsContainingDBElement

```

+get_parts(recursive:Boolean=false): Part[]
+__construct(database:Database,id:Integer,
              new_name:String=NULL,new_parent_id:Integer=0,
              new_price:Float=0)
+get_count(database:Database): Integer

```

Supplier

```

+__construct(database:Database,id:Integer,
              new_name:String=NULL,new_parent_id:Integer=0)
+get_count(database:Database): Integer

```

Manufacturer

```

+__construct(database:Database,id:Integer,
              new_name:String=NULL,new_parent_id:Integer=0)
+get_count(database:Database): Integer

```

Device

```

+__construct(database:Database,id:Integer,
              new_name:String=NULL,new_parent_id:Integer=0)
+get_count(database:Database): Integer

```

Category

```

+__construct(database:Database,id:Integer,
              new_name:String=NULL,new_parent_id:Integer=0)
+get_count(database:Database): Integer

```

Footprint

```

+__construct(database:Database,id:Integer,
              new_name:String=NULL,new_parent_id:Integer=0)
+get_count(database:Database): Integer

```

Storelocation

```

+__construct(database:Database,id:Integer,
              new_name:String=NULL,new_parent_id:Integer=0,
              new_is_full:Boolean=false)
+get_is_full(): Boolean
+set_is_full(new_is_full:Boolean): Boolean
+get_count(database:Database): Integer

```

```

System
database: Database
+__construct(db_type:String,db_server:String,
              db_name:String,db_charset:String,
              db_name:String,db_charset:String)
+get_database(): Database
+get_svn_revision(): String
+get_current_version(): Integer
+get_latest_version(): String
+is_update_available(): Boolean
+update_step(): Boolean
+update(): Boolean

```

Database

```

-type: String
-server: String
-password: String
+__construct(types:String,server:String,user:String,
              password:String,database:String,
              charset:String)
+get_current_version(): Integer
+get_latest_version(): Integer
+get_automatic_updates_status(): Boolean
+set_automatic_updates_status(): Boolean
+print(): Mixed
+execute(query:Mixed[]): Mixed
+is_update_required(print_status:Boolean=false): Boolean
+update(print_steps:Boolean): Boolean
+bind_values(pdo_statement:PDOStatement,
             values:Mixed[],index:Integer): Boolean
+execute(query:Mixed[]): Mixed
+does_table_exist(tablename:String): Boolean
+get_count_of_records(tablename:String): Integer
+get_count_of_records(tablename:String): Mixed[]
+get_tables_according_to(tablename:String,id:Integer): Boolean
+set_data_field(tablename:String,id:Integer,
                 row:String,value:Mixed): Boolean

```

Export

```

+part_export_formats: String[] = {CSV, CSV Reichelt, CSV Formel}
+supplier_export_formats: String[]
+device_export_formats: String[]
+manufacturer_export_formats: String[]
+storelocation_export_formats: String[]
+footprint_export_formats: String[]
+category_export_formats: String[]
+group_export_formats: String[]
+objects: Object[]
+__construct(objects:Object[])
+get_export_formats(): String[]
+get_header_string(format_index:Integer): String
+get_row_string(format_index:Integer): String
+get_string(format_index:Integer): String

```

HTMLTable

```

+part_table_types: String[] = {show, noprice, absolute, order}
+format_table_types: String[] = {default,filename}
+objects: Object[]
+object_class: String
+table_type: String
+__construct(objects:Object[],table_type:String)
+print_header()
+print_row()
+print_table()

```

