

OCD file

```
TFileHeader = record
  OCADMark: SmallInt;
  FileType: Byte;
  FileStatus: Byte;
  Version: SmallInt;
  Subversion: SmallInt;
  FirstSymbolIndexBlk: integer;
  FirstObjectIndexBlk: integer;
  FirstStringIndexBlk: longint;
  FileNamePos: integer;
  FileNameSize: integer;
end;
```

```
TSymbolBlock = record (1028 Bytes)
  NextSymbolBlock: integer;
  Symbol0: integer;
  Symbol1: integer;
  Symbol2: integer;
  Symbol3: integer;
  ...
  Symbol255: integer;
end;
```

SYMBOLS

```
TBaseSym = record
  Size: integer;
  SymNum: integer;
  Otp: byte;
  Flags: byte;
  Selected: boolean;
  Status: byte;
  DrawingTool: byte;
  CsMode: byte;
  CsObjType: byte;
  CsCdFlags: byte;
  Extent: integer;
  FilePos: integer;
  Group: SmallInt;
  nColors: SmallInt;
  Colors: array[0..13] of SmallInt;
  Description: string[31];
  IconBits: array[0..483] of byte;
  ....
end;
```

OCAD-File

```
TObjectIndexBlock = record (10244 Bytes)
  NextObjectIndexBlock: integer;
  Table: array[0..255] of TObjectIndex;
end;
```

```
TObjectIndex = record (40 Bytes)
  rc: LRect; // 16 Bytes
  Pos: integer;
  Len: integer;
  Sym: integer;
  ObjType: byte;
  Rex: byte;
  Status: byte;
  ViewType: byte;
  Color: SmallInt;
  Res: SmallInt;
  ImpLayer: SmallInt;
  Res: SmallInt;
end;
```

OBJECTS

```
TElement = class(TObject)
public
  Sym: integer;
  Otp: byte;
  Res: byte;
  Ang: SmallInt;
  nItem: integer;
  nText: SmallInt;
  Res: SmallInt;
  Col: integer;
  LineWidth: SmallInt;
  DiamFlags: SmallInt;
  Res: double;
  Res: double;
  Poly: TDPoly;
end;
```

```
TStringIndexBlock = record (4100 Bytes)
  NextIndexBlock: integer;
  Table: array[0..255] of TStringIndex;
end;
```

```
TStringIndex = record (16 Bytes)
  Pos: integer;
  Len: integer;
  RecType: integer;
  ObjIndex: integer;
end;
```

PARAMETER STRINGS

eg CsSortList: TStringList;