

Class name:

# mct\_CDbQuery

Category: Logische Ansicht

Documentation:

Class for Executing a Query and parse the Result

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: mct\_CDbObject

Public-Schnittstelle:

Operations:

mct\_CDbQuery  
mct\_getQuery  
mct\_getRecordCount  
mct\_setQuery  
mct\_free  
mct\_execute  
mct\_print

Protected-Schnittstelle:

Attributes:

strQuery : String = ""  
Defines Sql-Query-String

nRecordCount : Integer = -1  
Defines Record-Count after Execution

Operations:

mct\_init

Private-Schnittstelle:

Attributes:

strQuery : String = ""  
Defines Sql-Query-String

nRecordCount : Integer = -1  
Defines Record-Count after Execution

Implementation:

Attributes:

strQuery : String = ""  
Defines Sql-Query-String

nRecordCount : Integer = -1  
Defines Record-Count after Execution

State machine: No

Concurrency: Sequentiell

Persistence: Vergänglich

Class name:

# mct\_CUser

Category: Logische Ansicht

Documentation:

Class for administrating the Users

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: mct\_CFileCFG

Public-Schnittstelle:

Operations:

mct\_CUser  
mct\_getPassword  
mct\_getIp  
mct\_getRights  
mct\_setPassword  
mct\_setRights  
mct\_setIp  
mct\_free  
mct\_print  
mct\_writedb  
mct\_getfromdb  
mct\_getfromdb\_byname  
mct\_deletefromdb  
mct\_isfilled  
mct\_isadmin  
mct\_isdebug  
mct\_isTestmode

Protected-Schnittstelle:

Attributes:

strPassword : String = ""  
Defines Password

strIp : String = ""  
Defines IP of Host

nRights : Integer = -1  
Defines Height of Right

bTestmode : Boolean = false  
Defines if User logged in with Testmode

Operations:

mct\_init

Private-Schnittstelle:

Attributes:

strPassword : String = ""  
Defines Password

strIp : String = ""  
Defines IP of Host

nRights : Integer = -1  
Defines Height of Right

bTestmode : Boolean = false  
Defines if User logged in with Testmode

Implementation:

Attributes:

```
strPassword : String = ""  
    Defines Password  
  
strIp : String = ""  
    Defines IP of Host  
  
nRights : Integer = -1  
    Defines Height of Right  
  
bTestmode : Boolean = false  
    Defines if User logged in with Testmode
```

State machine:	No
Concurrency:	Sequentiell
Persistence:	Vergänglich

Class name:

# mct\_CFileCFG

Category: Logische Ansicht

Documentation:  
Basic abstract Item-Class

Stereotype: abstract

Export Control: Public

Cardinality: n

Hierarchy:  
Superclasses: Keine

Public-Schnittstelle:

Operations:

- mct\_getId
- mct\_getName
- mct\_setName
- mct\_getNewID
- mct\_deletefromdb
- mct\_free
- mct\_print
- mct\_isvalid

Protected-Schnittstelle:

Attributes:

- nId : Integer = -1  
Defines Object ID
- strName : String = ""  
Defines Object Name

Operations:

- mct\_init

Private-Schnittstelle:

Attributes:

- nId : Integer = -1  
Defines Object ID
- strName : String = ""  
Defines Object Name

Implementation:

Attributes:

- nId : Integer = -1  
Defines Object ID
- strName : String = ""  
Defines Object Name

State machine: No

Concurrency: Sequentiell

Persistence: Vergänglich

Class name:

# mct\_CTask

Category: Logische Ansicht

Documentation:

Class for administrating the MCT Window Tasks on the Server

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: mct\_CFileCFG

Public-Schnittstelle:

Operations:

mct\_CTask  
mct\_free  
mct\_setAccount  
mct\_setPwd  
mct\_setStarttime  
mct\_setCreator  
mct\_setComment  
mct\_setParameter  
mct\_setWorkpath  
mct\_setOdw  
mct\_setWday  
mct\_setLogname  
mct\_setLogpfad  
mct\_setLogact  
mct\_setPerlpfad  
mct\_setMrtgpfad  
mct\_setTasktyp  
mct\_setIntervalday  
mct\_setIntervalweek  
mct\_setCfgname  
mct\_setCfgpfad  
mct\_setPrgrname  
mct\_setPrgpsfad  
mct\_getAccount  
mct\_getPwd  
mct\_getStarttime  
mct\_getCreator  
mct\_getComment  
mct\_getParameter  
mct\_getWorkpath  
mct\_getOdw  
mct\_getWday  
mct\_getLogname  
mct\_getLogpfad  
mct\_getLogact  
mct\_getPerlpfad  
mct\_getMrtgpfad  
mct\_getTasktyp  
mct\_getIntervalday  
mct\_getIntervalweek  
mct\_getCfgname  
mct\_getCfgpfad  
mct\_getPrgrname  
mct\_getPrgpsfad  
mct\_addtask  
mct\_deltask  
mct\_getTaskstatus  
mct\_writedb  
mct\_getfromdb  
mct\_getfromdb\_byname  
mct\_deletefromdb  
mct\_print

Protected-Schnittstelle:

Attributes:

strStarttime : String = null  
Defines Starttime of Task

strCreator : String = null  
Defines Creator of Task

strComment : String = null  
Defines Taskcomment

strLogname : String = null  
Defines Name of Logfile

strLogpfad : String = null  
Defines Path of Logfile

nLogact : Integer = -1  
Defines Use of log-function

strPerlpfad : String = null  
Defines Path of Perl-Exe

strMrtgpfad : String = null  
Defines Path of MRTG-Script

strTasktyp : String = null  
Defines Type of Task

nIntervalday : Integer = -1  
Defines Interval of Day

nIntervalweek : Integer = -1  
Defines Interval of Week

strCfgrname : String = null  
Defines Name of ConfigFile

strCfgrpfad : String = null  
Defines Path of ConfigFile

strPrgrname : String = null  
Defines Name of Programm

strPrgrpfad : String = null  
Defines Path of Programm

strParameter : String = null  
Defines Parameters

strWorkpath : String = null  
Defines Workpath

strOdw : String = null  
Defines 'once', 'day' or 'week'

strWday : String = null  
Defines Weekday

strAccount : String = null  
Defines Account

strPwd : String = null  
Defines Password for Account

Operations:

mct\_checkExtension  
mct\_init

Private-Schnittstelle:  
Attributes:

strStarttime : String = null  
Defines Starttime of Task

strCreator : String = null  
Defines Creator of Task

strComment : String = null  
Defines Taskcomment

strLogname : String = null  
Defines Name of Logfile

strLogpfad : String = null  
Defines Path of Logfile

nLogact : Integer = -1  
Defines Use of log-function

strPerlpfad : String = null  
Defines Path of Perl-Exe

strMrtgpfad : String = null  
Defines Path of MRTG-Script

strTasktyp : String = null  
Defines Type of Task

nIntervalday : Integer = -1  
Defines Interval of Day

nIntervalweek : Integer = -1  
Defines Interval of Week

strCfgname : String = null  
Defines Name of ConfigFile

strCfgpfad : String = null  
Defines Path of ConfigFile

strPrgrname : String = null  
Defines Name of Programm

strPrgrpfad : String = null  
Defines Path of Programm

strParameter : String = null  
Defines Parameters

strWorkpath : String = null  
Defines Workpath

strOdw : String = null  
Defines 'once', 'day' or 'week'

strWday : String = null  
Defines Weekday

strAccount : String = null  
Defines Account

strPwd : String = null  
Defines Password for Account

Operations:

mct\_batExecute

Implementation:

Attributes:

strStarttime : String = null  
Defines Starttime of Task

strCreator : String = null  
Defines Creator of Task

strComment : String = null  
Defines Taskcomment

strLogname : String = null  
Defines Name of Logfile

strLogpfad : String = null  
Defines Path of Logfile

nLogact : Integer = -1  
Defines Use of log-function

strPerlpfad : String = null  
Defines Path of Perl-Exe

strMrtgpfad : String = null  
Defines Path of MRTG-Script

strTasktyp : String = null  
Defines Type of Task

nIntervalday : Integer = -1  
Defines Interval of Day

nIntervalweek : Integer = -1  
Defines Interval of Week

strCfgname : String = null  
Defines Name of ConfigFile

strCfgpfad : String = null  
Defines Path of ConfigFile

strPrgrname : String = null  
Defines Name of Programm

strPrgrpfad : String = null  
Defines Path of Programm

strParameter : String = null  
Defines Parameters

strWorkpath : String = null  
Defines Workpath

strOdw : String = null  
Defines 'once', 'day' or 'week'

strWday : String = null  
Defines Weekday

strAccount : String = null  
Defines Account

strPwd : String = null  
Defines Password for Account



State machine: No  
Concurrency:  
Persistence:

Sequentiell  
Vergänglich

Class name:

# mct\_CDebug

Category: Logische Ansicht

Documentation:

Class for administrating and using the MCT Debugger on the Websites

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: Keine

Public-Schnittstelle:

Operations:

mct\_CDebug  
mct\_getProcessExtended  
mct\_getProcessQueryResult  
mct\_getProcessSession  
mct\_getProcessGetPostCookie  
mct\_getProcessIWE  
mct\_add\_information  
mct\_add\_warning  
mct\_add\_error  
mct\_add\_query  
mct\_add\_queryresult  
mct\_add\_stack  
mct\_dump\_it  
mct\_load\_it  
mct\_print\_httpenvvars  
mct\_print\_session  
mct\_print\_server  
mct\_print\_get  
mct\_print\_post  
mct\_print\_request  
mct\_print\_cookie  
mct\_print\_files  
mct\_print\_extended  
mct\_print\_iwe  
mct\_print\_includes  
mct\_print\_definedfunctions  
mct\_print\_declearedclasses  
mct\_print\_queries  
mct\_print\_queryresults  
mct\_print\_stack  
mct\_free

Protected-Schnittstelle:

Attributes:

bProcessExtended : Boolean  
Defines to process and show Extended Options

bProcessQueryResult : Boolean  
Defines to process and show all QueryResults

bProcessSession : Boolean  
Defines to process and show all Sessionvariables

bProcessGetPostCookie : Boolean  
Defines to process and show all GetPostCookie-Variables

bProcessIWE : Boolean  
Defines to process and show all InfoWarningErrors

arrInformation : Array  
Defines Information-Container

arrWarning : Array  
Defines Warings-Container

arrError : Array  
                     Defines Errors-Container  
  
 arrStack : Array  
                     Defines Stack-Container  
  
 arrQueries : Array  
                     Defines Queries-Container  
  
 arrQueryResults : Array  
                     Defines QueryResults-Container  
  
 arrHttpEnvVars : Array  
                     Defines HttpEnvironment-Container  
  
 arrServer : Array  
                     Defines Servervariables-Container  
  
 arrGet : Array  
                     Defines Get-Container  
  
 arrPost : Array  
                     Defines Post-Container  
  
 arrRequest : Array  
                     Defines Request-Container  
  
 arrCookie : Array  
                     Defines Cookie-Container  
  
 arrFiles : Array  
                     Defines File-Container  
  
 arrDefinedVars : Array  
                     Defines DefinedVars-Container  
  
 arrDefinedConstants : Array  
                     Defines DefinedConstants-Container  
  
 arrIncludedFiles : Array  
                     Defines IncludedFiles-Container  
  
 arrRequiredFiles : Array  
                     Defines RequiredFiles-Container  
  
 arrDefinedFunctions : Array  
                     Defines DefinedFunctions-Container  
  
 arrDeclearedClasses : Array  
                     Defines DeclearedClasses-Container  
  
 arrLoadedExtensions : Array  
                     Defines LoadedExtensions-Container

#### Operations:

mct\_init  
 mct\_parse\_array  
 mct\_get\_var\_dump

#### Private-Schnittstelle:

##### Attributes:

bProcessExtended : Boolean  
                     Defines to process and show Extended Options  
  
 bProcessQueryResult : Boolean  
                     Defines to process and show all QueryResults

bProcessSession : Boolean  
Defines to process and show all Sessionvariables

bProcessGetPostCookie : Boolean  
Defines to process and show all GetPostCookie-Variables

bProcessIWE : Boolean  
Defines to process and show all InfoWarningErrors

arrInformation : Array  
Defines Information-Container

arrWarning : Array  
Defines Warings-Container

arrError : Array  
Defines Errors-Container

arrStack : Array  
Defines Stack-Container

arrQueries : Array  
Defines Queries-Container

arrQueryResults : Array  
Defines QueryResults-Container

arrHttpEnvVars : Array  
Defines HttpEnvironment-Container

arrServer : Array  
Defines Servervariables-Container

arrGet : Array  
Defines Get-Container

arrPost : Array  
Defines Post-Container

arrRequest : Array  
Defines Request-Container

arrCookie : Array  
Defines Cookie-Container

arrFiles : Array  
Defines File-Container

arrDefinedVars : Array  
Defines DefinedVars-Container

arrDefinedConstants : Array  
Defines DefinedConstants-Container

arrIncludedFiles : Array  
Defines IncludedFiles-Container

arrRequiredFiles : Array  
Defines RequiredFiles-Container

arrDefinedFunctions : Array  
Defines DefinedFunctions-Container

arrDeclearedClasses : Array  
Defines DeclearedClasses-Container

arrLoadedExtensions : Array  
Defines LoadedExtensions-Container

Implementation:  
Attributes:

bProcessExtended : Boolean  
Defines to process and show Extended Options

bProcessQueryResult : Boolean  
Defines to process and show all QueryResults

bProcessSession : Boolean  
Defines to process and show all Sessionvariables

bProcessGetPostCookie : Boolean  
Defines to process and show all GetPostCookie-Variables

bProcessIWE : Boolean  
Defines to process and show all InfoWarningErrors

arrInformation : Array  
Defines Information-Container

arrWarning : Array  
Defines Warings-Container

arrError : Array  
Defines Errors-Container

arrStack : Array  
Defines Stack-Container

arrQueries : Array  
Defines Queries-Container

arrQueryResults : Array  
Defines QueryResults-Container

arrHttpEnvVars : Array  
Defines HttpEnvironment-Container

arrServer : Array  
Defines Servervariables-Container

arrGet : Array  
Defines Get-Container

arrPost : Array  
Defines Post-Container

arrRequest : Array  
Defines Request-Container

arrCookie : Array  
Defines Cookie-Container

arrFiles : Array  
Defines File-Container

arrDefinedVars : Array  
Defines DefinedVars-Container

arrDefinedConstants : Array  
Defines DefinedConstants-Container

arrIncludedFiles : Array  
Defines IncludedFiles-Container

arrRequiredFiles : Array  
Defines RequiredFiles-Container

arrDefinedFunctions : Array  
Defines DefinedFunctions-Container

arrDeclearedClasses : Array  
Defines DeclearedClasses-Container

arrLoadedExtensions : Array  
Defines LoadedExtensions-Container

State machine: No  
Concurrency:  
Persistence:

Sequentiell  
Vergänglich

Class name:

# mct\_CReturn

Category: Logische Ansicht

Documentation:

Return Class for information exchange

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: Keine

Assoziationen:

1 : mct\_CDbObject in der Assoziation <Unbenannt>

1 : mct\_CDbObject in der Assoziation <Unbenannt>

Public-Schnittstelle:

Operations:

mct\_CReturn  
mct\_getNumber  
mct\_getDescription  
mct\_setNumber  
mct\_setDescription  
mct\_print  
mct\_free  
mct\_isfilled  
mct\_iserror  
mct\_ismessage

Protected-Schnittstelle:

Attributes:

nNumber : Integer = 0  
Defines Number of Error or Message

strDescription : String = ""  
Defines Description of Error or Message

Operations:

mct\_init

Private-Schnittstelle:

Attributes:

nNumber : Integer = 0  
Defines Number of Error or Message

strDescription : String = ""  
Defines Description of Error or Message

Implementation:

Attributes:

nNumber : Integer = 0  
Defines Number of Error or Message

strDescription : String = ""  
Defines Description of Error or Message

State machine: No

Concurrency: Sequentiell

Persistence: Vergänglich

Class name:

# mct\_CDbObject

Category: Logische Ansicht

Documentation:  
Basic abstract Database-Class

Stereotype: abstract

Export Control: Public

Cardinality: n

Hierarchy:  
Superclasses: Keine

Assoziationen:

1 : mct\_CReturn in der Assoziation <Unbenannt>

1 : mct\_CReturn in der Assoziation <Unbenannt>

Public-Schnittstelle:

Attributes:

objRow : Object  
Object for actual fetched Row

objReturn : mct\_CReturn  
Return Object

Operations:

mct\_getAccessMode  
mct\_getHost  
mct\_getOdbcDsn  
mct\_getUser  
mct\_getPassword  
mct\_getDb  
mct\_getSqlDateSeperator  
mct\_setHost  
mct\_setUser  
mct\_setPassword  
mct\_setDb  
mct\_getNext  
mct\_free  
mct\_print  
mct\_seek\_first

Protected-Schnittstelle:

Attributes:

strAccessMode : String  
Defines AccessMode (odbc or mysql)

strHost : String  
Defines Host (only MySQL)

strOdbcDsn : String  
Defines DSN (only ODBC)

strUser : String  
AccessUser for Database

strPassword : String  
Password for Database

strDb : String  
Name of Database

strSqlDateSeparator : String  
Special Date Separator



link : Ressource Identifier  
Connection link Ressource

res : Ressource Identifier  
Result Ressource

objRow : Object  
Object for actual fetched Row

objReturn : mct\_CReturn  
Return Object

#### Operations:

mct\_init

#### Private-Schnittstelle: Attributes:

strAccessMode : String  
Defines AccessMode (odbc or mysql)

strHost : String  
Defines Host (only MySQL)

strOdbcDsn : String  
Defines DSN (only ODBC)

strUser : String  
AccessUser for Database

strPassword : String  
Password for Database

strDb : String  
Name of Database

strSqlDateSeparator : String  
Special Date Separator

link : Ressource Identifier  
Connection link Ressource

res : Ressource Identifier  
Result Ressource

objRow : Object  
Object for actual fetched Row

objReturn : mct\_CReturn  
Return Object

#### Implementation: Attributes:

strAccessMode : String  
Defines AccessMode (odbc or mysql)

strHost : String  
Defines Host (only MySQL)

strOdbcDsn : String  
Defines DSN (only ODBC)

strUser : String  
AccessUser for Database

strPassword : String  
Password for Database

strDb : String  
Name of Database

strSqlDateSeparator : String  
Special Date Separator

link : Ressource Identifier  
Connection link Ressource

res : Ressource Identifier  
Result Ressource

objRow : Object  
Object for actual fetched Row

objReturn : mct\_CReturn  
Return Object

State machine: No  
Concurrency:  
Persistence:

Sequentiell  
Vergänglich

Class name:

# mct\_CCommunity

Category: Logische Ansicht

Documentation:

Class for administrating the Communities

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: mct\_CFileCFG

Assoziationen:

1 : mct\_CInterface in der Assoziation <Unbenannt>

1 : mct\_CInterface in der Assoziation <Unbenannt>

Public-Schnittstelle:

Operations:

mct\_CCommunity  
mct\_free  
mct\_writedb  
mct\_getfromdb  
mct\_getfromdb\_byname  
mct\_deletefromdb  
mct\_print

Protected-Schnittstelle:

Operations:

mct\_init

State machine: No

Concurrency: Sequentiell

Persistence: Vergänglich

Class name:

# mct\_CConfigFile

Category: Logische Ansicht

Documentation:

Class for administrating the Configfiles

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: mct\_CFileCFG

Assoziationen:

1 : mct\_CInterface in der Assoziation GlobalInterface

Public-Schnittstelle:

Operations:

mct\_CConfigFile  
mct\_getCreationDate  
mct\_getLastChangeDate  
mct\_getCreatorUserId  
mct\_getLastChangerUserId  
mct\_getDirectory  
mct\_getWorkDir  
mct\_getRefresh  
mct\_getInterval  
mct\_getWriteExpires  
mct\_getIconDir  
mct\_getWriteStatus  
mct\_getInterfaces  
mct\_setCreationDate  
mct\_setLastChangeDate  
mct\_setCreatorUserId  
mct\_setLastChangerUserId  
mct\_setWorkDir  
mct\_setRefresh  
mct\_setInterval  
mct\_setWriteExpires  
mct\_setIconDir  
mct\_setDirectory  
mct\_setInterfaces  
mct\_init  
mct\_free  
mct\_writedb  
mct\_writefile\_complete  
mct\_getfromdb  
mct\_deletefromdb  
mct\_print

Private-Schnittstelle:

Attributes:

strCreationDate : String = ""  
Defines Date of Creation

strLastChangeDate : String = ""  
Defines Date of last Change

nCreatorUserId : Integer = -1  
Defines User who created the Configfile

nLastChangerUserId : Integer = -1  
Defines last User who changed the Configfile

strDirectory : String = ""  
Defines MRTG-Property Directory

```

strWorkDir : String = ""
    Defines MRTG-Property WorkDir

nRefresh : Integer = -1
    Defines MRTG-Property Refresh

nInterval : Integer = -1
    Defines MRTG-Property Interval

strWriteExpires : String = ""
    Defines MRTG-Property WriteExpires

strIconDir : String = ""
    Defines MRTG-Property IconDir

nWriteStatus : Integer = 0
    Status to know how may Interfaces are written to Configfile

arrInterfaces : Array
    Defines Interface-Array-Linktable

objGlobalInterface : mct_CInterface
    Object of Configfiles Global Interface

```

Implementation:  
Attributes:

```

strCreationDate : String = ""
    Defines Date of Creation

strLastChangeDate : String = ""
    Defines Date of last Change

nCreatorUserId : Integer = -1
    Defines User who created the Configfile

nLastChangerUserId : Integer = -1
    Defines last User who changed the Configfile

strDirectory : String = ""
    Defines MRTG-Property Directory

strWorkDir : String = ""
    Defines MRTG-Property WorkDir

nRefresh : Integer = -1
    Defines MRTG-Property Refresh

nInterval : Integer = -1
    Defines MRTG-Property Interval

strWriteExpires : String = ""
    Defines MRTG-Property WriteExpires

strIconDir : String = ""
    Defines MRTG-Property IconDir

nWriteStatus : Integer = 0
    Status to know how may Interfaces are written to Configfile

arrInterfaces : Array
    Defines Interface-Array-Linktable

objGlobalInterface : mct_CInterface
    Object of Configfiles Global Interface

```

State machine: No  
Concurrency:  
Persistence:

Sequentiell  
Vergänglich

Class name:

# mct\_CLocation

Category: Logische Ansicht

Documentation:

Class for administrating all Locations

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: mct\_CFileCFG

Assoziationen:

1 : mct\_CInterface in der Assoziation <Unbenannt>

1 : mct\_CInterface in der Assoziation <Unbenannt>

Public-Schnittstelle:

Operations:

mct\_CLocation  
mct\_getType  
mct\_getTypeId  
mct\_getDescription  
mct\_getParentLocationID  
mct\_setDescription  
mct\_setParentLocationID  
mct\_free  
mct\_writedb  
mct\_getfromdb  
mct\_deletefromdb  
mct\_print

Protected-Schnittstelle:

Attributes:

strDescription : String = ""  
Defines Description

strType : String = ""  
Defines Type in Words

nType : Integer = -1  
Defines Type as Number

nParentLocationID : Integer = null  
Defines its ParentLocationID when existing

Operations:

mct\_init

Private-Schnittstelle:

Attributes:

strDescription : String = ""  
Defines Description

strType : String = ""  
Defines Type in Words

nType : Integer = -1  
Defines Type as Number

nParentLocationID : Integer = null  
Defines its ParentLocationID when existing

Implementation:

Attributes:

strDescription : String = ""  
Defines Description

strType : String = ""  
Defines Type in Words

nType : Integer = -1  
Defines Type as Number

nParentLocationID : Integer = null  
Defines its ParentLocationID when existing

State machine:	No
Concurrency:	Sequentiell
Persistence:	Vergänglich



Class name:

# mct\_CInterface

Category: Logische Ansicht

Documentation:

Class for administrating the Interfaces

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: mct\_CFileCFG

Assoziationen:

- 1 : mct\_CCommunity in der Assoziation <Unbenannt>
- 1 : mct\_CLocation in der Assoziation <Unbenannt>
- 1 : mct\_CCommunity in der Assoziation <Unbenannt>
- 1 : mct\_CConfigFile in der Assoziation GlobalInterface
- 1 : mct\_CLocation in der Assoziation <Unbenannt>

Public-Schnittstelle:

Attributes:

objSubLocation : mct\_CLocation  
Defines its SubLocation

objCommunity : mct\_CCommunity  
Defines its Community

arrConfigFiles : Array  
Defines Configfiles-Array-Linktable

Operations:

mct\_CInterface  
mct\_getIpaddr  
mct\_getIndex  
mct\_getMaxBytes  
mct\_getTitle  
mct\_getPageTopPre  
mct\_getPageTopApp  
mct\_getPageTop  
mct\_getUnscaled  
mct\_getSuppress  
mct\_getAbsMax  
mct\_getAddHead  
mct\_getDirectory  
mct\_getWithPeak  
mct\_getXSize  
mct\_getYSize  
mct\_getXScale  
mct\_getYScale  
mct\_getXZoom  
mct\_getYZoom  
mct\_getCommExt  
mct\_getOptions  
mct\_getColors  
mct\_getBackground  
mct\_getYLegend  
mct\_getShortLegend  
mct\_getLegend1  
mct\_getLegend2  
mct\_getLegend3  
mct\_getLegend4  
mct\_getLegendI  
mct\_getLegendO  
mct\_getGlobalIf  
mct\_getConfigFiles

```

mct_setIpaddr
mct_setIndex
mct_setTitle
mct_setPageTopPre
mct_setPageTopApp
mct_setPageTop
mct_setUnscaled
mct_setSuppress
mct_setAbsMax
mct_setAddHead
mct_setDirectory
mct_setWithPeak
mct_setXSize
mct_setYSize
mct_setXScale
mct_setYScale
mct_setXZoom
mct_setYZoom
mct_setCommExt
mct_setOptions
mct_setColors
mct_setBackground
mct_setYLegend
mct_setShortLegend
mct_setLegend1
mct_setLegend2
mct_setLegend3
mct_setLegend4
mct_setLegendI
mct_setLegendO
mct_setGlobalf
mct_setConfigFiles
mct_free
mct_writedb
mct_writefile
mct_getfromdb
mct_deletefromdb
mct_print

```

Protected-Schnittstelle:  
Attributes:

```

strIpaddr : String = ""
                Defines MRTG-Property IP-Address

strIndex : String = ""
                Defines MRTG-Property Index

nMaxBytes : Integer = -1
                Defines MRTG-Property MaxBytes

strTitle : String = ""
                Defines MRTG-Property Title

strPageTopPre : String = ""
                Defines MRTG-Property PageTop[^]

strPageTopApp : String = ""
                Defines MRTG-Property PageTop[$]

strPageTop : String = ""
                Defines MRTG-Property PageTop

strUnscaled : String = ""
                Defines MRTG-Property Unscaled

strSuppress : String = ""
                Defines MRTG-Property Suppress

```

```

nAbsMax : Integer = -1
    Defines MRTG-Property AbsMax

strAddHead : String = ""
    Defines MRTG-Property AddHead

strDirectory : String = ""
    Defines MRTG-Property Directory

strWithPeak : String = ""
    Defines MRTG-Property WithPeak

nXSize : Integer = -1
    Defines MRTG-Property XSize

nYSize : Integer = -1
    Defines MRTG-Property YSize

fXScale : Float = -1.0
    Defines MRTG-Property XScale

fYScale : Float = -1.0
    Defines MRTG-Property YScale

fXZoom : Float = -1.0
    Defines MRTG-Property XZoom

fYZoom : Float = -1.0
    Defines MRTG-Property YZoom

strCommExt : String = ""
    Defines CommExtension of Interface

strOptions : String = ""
    Defines MRTG-Property Options

strColors : String = ""
    Defines MRTG-Property Colours

strBackground : String = ""
    Defines MRTG-Property Background

strYLegend : String = ""
    Defines MRTG-Property YLegend

strShortLegend : String = ""
    Defines MRTG-Property ShortLegend

strLegend1 : String = ""
    Defines MRTG-Property Legend1

strLegend2 : String = ""
    Defines MRTG-Property Legend2

strLegend3 : String = ""
    Defines MRTG-Property Legend3

strLegend4 : String = ""
    Defines MRTG-Property Legend4

strLegendI : String = ""
    Defines MRTG-Property LegendI

strLegendO : String = ""
    Defines MRTG-Property LegendO

bGlobalIf : Boolean = false
    Defines if Interface is a Global Interface

```

objSubLocation : mct\_CLocation  
 Defines its SubLocation

objCommunity : mct\_CCommunity  
 Defines its Community

arrConfigFiles : Array  
 Defines Configfiles-Array-Linktable

#### Operations:

mct\_init

#### Private-Schnittstelle:

##### Attributes:

strIpaddr : String = ""  
 Defines MRTG-Property IP-Address

strIndex : String = ""  
 Defines MRTG-Property Index

nMaxBytes : Integer = -1  
 Defines MRTG-Property MaxBytes

strTitle : String = ""  
 Defines MRTG-Property Title

strPageTopPre : String = ""  
 Defines MRTG-Property PageTop[^]

strPageTopApp : String = ""  
 Defines MRTG-Property PageTop[\$]

strPageTop : String = ""  
 Defines MRTG-Property PageTop

strUnscaled : String = ""  
 Defines MRTG-Property Unscaled

strSuppress : String = ""  
 Defines MRTG-Property Suppress

nAbsMax : Integer = -1  
 Defines MRTG-Property AbsMax

strAddHead : String = ""  
 Defines MRTG-Property AddHead

strDirectory : String = ""  
 Defines MRTG-Property Directory

strWithPeak : String = ""  
 Defines MRTG-Property WithPeak

nXSize : Integer = -1  
 Defines MRTG-Property XSize

nYSize : Integer = -1  
 Defines MRTG-Property YSize

fXScale : Float = -1.0  
 Defines MRTG-Property XScale

fYScale : Float = -1.0  
 Defines MRTG-Property YScale

```

fXZoom : Float = -1.0
    Defines MRTG-Property XZoom

fYZoom : Float = -1.0
    Defines MRTG-Property YZoom

strCommExt : String = ""
    Defines CommExtension of Interface

strOptions : String = ""
    Defines MRTG-Property Options

strColors : String = ""
    Defines MRTG-Property Colours

strBackground : String = ""
    Defines MRTG-Property Background

strYLegend : String = ""
    Defines MRTG-Property YLegend

strShortLegend : String = ""
    Defines MRTG-Property ShortLegend

strLegend1 : String = ""
    Defines MRTG-Property Legend1

strLegend2 : String = ""
    Defines MRTG-Property Legend2

strLegend3 : String = ""
    Defines MRTG-Property Legend3

strLegend4 : String = ""
    Defines MRTG-Property Legend4

strLegendI : String = ""
    Defines MRTG-Property LegendI

strLegendO : String = ""
    Defines MRTG-Property LegendO

bGlobalIf : Boolean = false
    Defines if Interface is a Global Interface

objSubLocation : mct_CLocation
    Defines its SubLocation

objCommunity : mct_CCommunity
    Defines its Community

arrConfigFiles : Array
    Defines Configfiles-Array-Linktable

```

Implementation:  
Attributes:

```

strIpaddr : String = ""
    Defines MRTG-Property IP-Address

strIndex : String = ""
    Defines MRTG-Property Index

nMaxBytes : Integer = -1
    Defines MRTG-Property MaxBytes

strTitle : String = ""
    Defines MRTG-Property Title

```

```

strPageTopPre : String = ""
    Defines MRTG-Property PageTop[^]

strPageTopApp : String = ""
    Defines MRTG-Property PageTop[$]

strPageTop : String = ""
    Defines MRTG-Property PageTop

strUnscaled : String = ""
    Defines MRTG-Property Unscaled

strSuppress : String = ""
    Defines MRTG-Property Suppress

nAbsMax : Integer = -1
    Defines MRTG-Property AbsMax

strAddHead : String = ""
    Defines MRTG-Property AddHead

strDirectory : String = ""
    Defines MRTG-Property Directory

strWithPeak : String = ""
    Defines MRTG-Property WithPeak

nXSize : Integer = -1
    Defines MRTG-Property XSize

nYSize : Integer = -1
    Defines MRTG-Property YSize

fXScale : Float = -1.0
    Defines MRTG-Property XScale

fYScale : Float = -1.0
    Defines MRTG-Property YScale

fXZoom : Float = -1.0
    Defines MRTG-Property XZoom

fYZoom : Float = -1.0
    Defines MRTG-Property YZoom

strCommExt : String = ""
    Defines CommExtension of Interface

strOptions : String = ""
    Defines MRTG-Property Options

strColors : String = ""
    Defines MRTG-Property Colours

strBackground : String = ""
    Defines MRTG-Property Background

strYLegend : String = ""
    Defines MRTG-Property YLegend

strShortLegend : String = ""
    Defines MRTG-Property ShortLegend

strLegend1 : String = ""
    Defines MRTG-Property Legend1

```

```

strLegend2 : String = ""
    Defines MRTG-Property Legend2

strLegend3 : String = ""
    Defines MRTG-Property Legend3

strLegend4 : String = ""
    Defines MRTG-Property Legend4

strLegendI : String = ""
    Defines MRTG-Property LegendI

strLegendO : String = ""
    Defines MRTG-Property LegendO

bGlobalIf : Boolean = false
    Defines if Interface is a Global Interface

objSubLocation : mct_CLocation
    Defines its SubLocation

objCommunity : mct_CCommunity
    Defines its Community

arrConfigFiles : Array
    Defines Configfiles-Array-Linktable

```

State machine: No  
 Concurrency:  
 Persistence:

Sequentiell  
 Vergänglich

Class name:

# mct\_CCfgHeaderIntSearch

Category: Logische Ansicht

Documentation:  
Search for interface-Definitions in Header of Configfile

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: mct\_CInterface

Public-Schnittstelle:

Operations:  
  
mct\_CCfgHeaderIntSearch  
mct\_getCfg\_IntHeader  
mct\_print

Protected-Schnittstelle:

Attributes:  
  
strCfg\_WorkDir : String  
WorkDir-Property in Configfile to be imported  
  
nCfgr\_Refresh : Integer  
Refresh-Property in Configfile to be imported  
  
nCfgr\_Interval : Integer  
Interval-Property in Configfile to be imported  
  
strCfg\_WriteExpires : String  
WriteExpires-Property in Configfile to be imported  
  
strCfg\_IconDir : String  
IconDir-Property in Configfile to be imported

Private-Schnittstelle:

Attributes:  
  
strCfg\_WorkDir : String  
WorkDir-Property in Configfile to be imported  
  
nCfgr\_Refresh : Integer  
Refresh-Property in Configfile to be imported  
  
nCfgr\_Interval : Integer  
Interval-Property in Configfile to be imported  
  
strCfg\_WriteExpires : String  
WriteExpires-Property in Configfile to be imported  
  
strCfg\_IconDir : String  
IconDir-Property in Configfile to be imported

Implementation:

Attributes:  
  
strCfg\_WorkDir : String  
WorkDir-Property in Configfile to be imported  
  
nCfgr\_Refresh : Integer  
Refresh-Property in Configfile to be imported  
  
nCfgr\_Interval : Integer  
Interval-Property in Configfile to be imported  
  
strCfg\_WriteExpires : String  
WriteExpires-Property in Configfile to be imported



strCfg\_IconDir : String  
IconDir-Property in Configfile to be imported

State machine: No  
Concurrency:  
Persistence:

Sequentiell  
Vergänglich

Class name:

# mct\_CCfgHeaderSearch

Category: Logische Ansicht

Documentation:

Search for Header in Configfile

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: mct\_CConfigFile

Public-Schnittstelle:

Operations:

mct\_CCfgHeaderSearch  
mct\_getCfg\_Header  
mct\_print

State machine: No

Concurrency:

Sequentiell

Persistence:

Vergänglich

Class name:

# mct\_CCfgIntSearch

Category: Logische Ansicht

Documentation:  
Search for Interfaces in Configfile

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: mct\_CInterface

Public-Schnittstelle:

Operations:

mct\_CCfgIntSearch  
mct\_getCfg\_TargetQuantity  
mct\_getInt\_Ipaddr  
mct\_getInt\_Index  
mct\_getInt\_Community  
mct\_getInt\_Port  
mct\_getInt\_Timeout  
mct\_getInt\_Retries  
mct\_getInt\_Backoff  
mct\_getInt\_Pagetop  
mct\_getInt\_MaxBytes  
mct\_getInt\_Title  
mct\_getInt\_AddHead  
mct\_getInt\_AbsMax  
mct\_getInt\_Unscaled  
mct\_getInt\_WithPeak  
mct\_getInt\_Suppress  
mct\_getInt\_Directory  
mct\_getInt\_XSize  
mct\_getInt\_YSize  
mct\_getInt\_XZoom  
mct\_getInt\_YZoom  
mct\_getInt\_XScale  
mct\_getInt\_YScale  
mct\_getInt\_Options  
mct\_getInt\_Colours  
mct\_getInt\_Background  
mct\_getInt\_YLegend  
mct\_getInt\_ShortLegend  
mct\_getInt\_Legend1  
mct\_getInt\_Legend2  
mct\_getInt\_Legend3  
mct\_getInt\_Legend4  
mct\_getInt\_LegendI  
mct\_getInt\_LegendO  
mct\_getCfg\_Interface  
mct\_print

Protected-Schnittstelle:

Attributes:

nCfg\_MaxBytes : Integer  
nCfg\_AbsMax : Integer  
nCfg\_XSize : Integer  
nCfg\_YSize : Integer  
fCfg\_XZoom : Float  
fCfg\_YZoom : Float  
fCfg\_XScale : Float  
fCfg\_YScale : Float  
strCfg\_Target : String  
nCfg\_TargetId : Integer  
nCfg\_Port : Integer  
fCfg\_Timeout : Float  
nCfg\_Retries : Integer

fCfg\_Backoff : Float

Private-Schnittstelle:

Attributes:

nCfg\_MaxBytes : Integer  
nCfg\_AbsMax : Integer  
nCfg\_XSize : Integer  
nCfg\_YSize : Integer  
fCfg\_XZoom : Float  
fCfg\_YZoom : Float  
fCfg\_XScale : Float  
fCfg\_YScale : Float  
strCfg\_Target : String  
nCfg\_TargetId : Integer  
nCfg\_Port : Integer  
fCfg\_Timeout : Float  
nCfg\_Retries : Integer  
fCfg\_Backoff : Float

Implementation:

Attributes:

nCfg\_MaxBytes : Integer  
nCfg\_AbsMax : Integer  
nCfg\_XSize : Integer  
nCfg\_YSize : Integer  
fCfg\_XZoom : Float  
fCfg\_YZoom : Float  
fCfg\_XScale : Float  
fCfg\_YScale : Float  
strCfg\_Target : String  
nCfg\_TargetId : Integer  
nCfg\_Port : Integer  
fCfg\_Timeout : Float  
nCfg\_Retries : Integer  
fCfg\_Backoff : Float

State machine: No

Concurrency:

Sequentiell

Persistence:

Vergänglich

Class name:

# mct\_CSnmppSearch

Category: Logische Ansicht

Documentation:

Class for searching SNMP Information

Export Control: Public

Cardinality: n

Hierarchy:

Superclasses: Keine

Public-Schnittstelle:

Operations:

mct\_CSnmppSearch  
mct\_checkExtension  
mct\_free  
mct\_setSnmppHostname  
mct\_setSnmppCommunity  
mct\_setSnmppPort  
mct\_viewSnmppIndex  
mct\_viewSnmppDescr  
mct\_viewSnmppType  
mct\_viewSnmppSpeed  
mct\_viewSnmppAdminStatus  
mct\_viewSnmppOperStatus  
mct\_viewSnmppLastChange  
mct\_getIfIndex  
mct\_getSnmppIfIndex  
mct\_getSnmppIfDescr  
mct\_getSnmppIfType  
mct\_getSnmppIfSpeed  
mct\_getSnmppIfAdminStatus  
mct\_getSnmppIfOperStatus  
mct\_getSnmppIfLastChange  
mct\_getSnmppInfo

Protected-Schnittstelle:

Attributes:

strSnmppHostname : String = ""  
Property for SNMP Information

strSnmppCommunity : String = ""  
Property for SNMP Information

strSnmppPort : String = ""  
Property for SNMP Information

IndexViewState : String = ""  
Property for SNMP Information

ifIndex : String = ""  
Property for SNMP Information

SnmppIfIndex : String = ""  
Property for SNMP Information

SnmppIfDescr : String = ""  
Property for SNMP Information

SnmppIfType : String = ""  
Property for SNMP Information

SnmppIfSpeed : Array  
Property for SNMP Information

SnmppIfAdminStatus : String = ""  
Property for SNMP Information

SnmplfOperStatus : String = ""  
Property for SNMP Information

SnmplfLastChange : String = ""  
Property for SNMP Information

Operations:

mct\_init

Private-Schnittstelle:

Attributes:

strSnmpHostname : String = ""  
Property for SNMP Information

strSnmpCommunity : String = ""  
Property for SNMP Information

strSnmpPort : String = ""  
Property for SNMP Information

IndexViewStatus : String = ""  
Property for SNMP Information

ifIndex : String = ""  
Property for SNMP Information

SnmplfIndex : String = ""  
Property for SNMP Information

SnmplfDescr : String = ""  
Property for SNMP Information

SnmplfType : String = ""  
Property for SNMP Information

SnmplfSpeed : Array  
Property for SNMP Information

SnmplfAdminStatus : String = ""  
Property for SNMP Information

SnmplfOperStatus : String = ""  
Property for SNMP Information

SnmplfLastChange : String = ""  
Property for SNMP Information

Implementation:

Attributes:

strSnmpHostname : String = ""  
Property for SNMP Information

strSnmpCommunity : String = ""  
Property for SNMP Information

strSnmpPort : String = ""  
Property for SNMP Information

IndexViewStatus : String = ""  
Property for SNMP Information

ifIndex : String = ""  
Property for SNMP Information

SnmplfIndex : String = ""  
Property for SNMP Information

SnmplfDescr : String = ""  
Property for SNMP Information

SnmplfType : String = ""  
Property for SNMP Information

SnmplfSpeed : Array  
Property for SNMP Information

SnmplfAdminStatus : String = ""  
Property for SNMP Information

SnmplfOperStatus : String = ""  
Property for SNMP Information

SnmplfLastChange : String = ""  
Property for SNMP Information

State machine: No  
Concurrency:  
Persistence:

Sequentiell  
Vergänglich

Association:

Derived: No  
Direction: <Keine Richtung>  
Association Class: Keine

Role: 1  
Class: mct\_CReturn  
Cardinality / Multiplicity:  
Navigable: No  
Aggregate: Yes  
Static: No  
Friend: No  
Access: Implementation  
Containment: Unbekannt

Role: 1  
Class: mct\_CDObject  
Cardinality / Multiplicity:  
Navigable: Yes  
Aggregate: No  
Static: No  
Friend: No  
Access: Implementation  
Containment: Unbekannt



Association:

Derived: No  
Direction: <Keine Richtung>  
Association Class: Keine

Role: 1  
Class: mct\_CCommunity  
Cardinality / Multiplicity:  
Navigable: No  
Aggregate: Yes  
Static: No  
Friend: No  
Access: Implementation  
Containment: Unbekannt

Role: 1  
Class: mct\_CInterface  
Cardinality / Multiplicity:  
Navigable: Yes  
Aggregate: No  
Static: No  
Friend: No  
Access: Implementation  
Containment: Unbekannt

Association:

# GlobalInterface

Derived: No  
Direction: <Keine Richtung>  
Association Class: Keine

Role: 1  
Class: mct\_CConfigFile  
Cardinality / Multiplicity:  
Navigable: No  
Aggregate: Yes  
Static: No  
Friend: No  
Access: Implementation  
Containment: Unbekannt

Role: 1  
Class: mct\_CInterface  
Cardinality / Multiplicity:  
Navigable: Yes  
Aggregate: No  
Static: No  
Friend: No  
Access: Implementation  
Containment: Unbekannt

Association:

Derived: No  
Direction: <Keine Richtung>  
Association Class: Keine

Role: 1  
Class: mct\_CLocation  
Cardinality / Multiplicity:  
Navigable: No  
Aggregate: Yes  
Static: No  
Friend: No  
Access: Implementation  
Containment: Unbekannt

Role: 1  
Class: mct\_CInterface  
Cardinality / Multiplicity:  
Navigable: Yes  
Aggregate: No  
Static: No  
Friend: No  
Access: Implementation  
Containment: Unbekannt