

Package: kwb.kuras.db (via r-universe)

August 27, 2024

Title Interface to KURAS Database

Version 0.2.0

Description This package provides functions to read from the database that was developed during the KWB project KURAS (<https://www.kompetenz-wasser.de/en/forschung/projekte/kuras>).

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URL <https://github.com/KWB-R/kwb.kuras.db>

BugReports <https://github.com/KWB-R/kwb.kuras.db/issues>

Encoding UTF-8

LazyData true

Imports kwb.db, kwb.plot, kwb.utils

Remotes github::kwb-r/kwb.db, github::kwb-r/kwb.plot,
github::kwb-r/kwb.utils

Suggests covr, knitr, rmarkdown

RoxygenNote 7.1.2

VignetteBuilder knitr

Repository <https://kwb-r.r-universe.dev>

RemoteUrl <https://github.com/KWB-R/kwb.kuras.db>

RemoteRef HEAD

RemoteSha b9ca5d618f8688a665081c210c2644699223c8b0

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anzahlIndikatorenProEffekt

Anzahl an Indikatoren pro Effekt

Description

Anzahl an Indikatoren pro Effekt

Usage

```
anzahlIndikatorenProEffekt(
  indikatoren = kuras_indikator(),
  effekte = kuras_effekt()
)
```

Arguments

indikatoren data frame as returned by [kuras_indikator](#)
 effekte data frame as returned by [kuras_effekt](#)

Value

data frame mit Spalten *eID* (Effekt-ID), *eName* (Effekt-Name), *x* (Anzahl Indikatoren fuer den Effekt).

anzahlWerteProIndikator
Anzahl an Werten pro Indikator

Description

Anzahl an Werten pro Indikator

Usage

```
anzahlWerteProIndikator(  
  effekte = kuras_effekt(),  
  indikatoren = kuras_indikator(),  
  indikatorwerte = kuras_indikatorwert()  
)
```

Arguments

effekte data frame as returned by [kuras_effekt](#)
indikatoren data frame as returned by [kuras_indikator](#)
indikatorwerte data frame as returned by [kuras_indikatorwert](#)

Value

data frame mit Spalten *iID* (Indikator-ID), *iEffektID* (Effekt-ID), *iName* (Indikator-Name), *x* (Anzahl Werte fuer den Indikator).

beispielAuswertung.1 *Beispiel-Auswertung 1*

Description

Beispielauswertung 1: Anzahl Indikatoren je Effekt und Anzahl Literaturwerte je Indikator

Usage

```
beispielAuswertung.1()
```

kurasReferencesToRIS *Write References to file in RIS (Research Information Systems) Format*

Description

Write References to file in RIS (Research Information Systems) Format

Usage

```
kurasReferencesToRIS(references)
```

Arguments

references data frame with columns rNachname, rVorname, rTitel, Medium, rZusatz,
rJahr, rBeschreibung

Value

path to the file created in the tempdir() folder

Examples

```
## Not run:  
# Get all entries from KURAS table "tblReferenz"  
references <- kuras_referenz()  
  
# Generate RIS-file in temporary folder  
file <- kurasReferencesToRIS(references)  
  
# Open the file in the Windows Explorer  
# kwb.utils::hsOpenWindowsExplorer(file)  
  
## End(Not run)
```

kuras_anlageeigenschaft
select records from tblanlageeigenschaft

Description

select and filter records from tblanlageeigenschaft

Usage

```

kuras_anlageeigenschaft(
  where = NULL,
  where_aeID = NA,
  where_aeName = NA,
  where_aeEinheit = NA,
  where_aeBeschreibung = NA,
  select = NULL,
  select_aeID = NA,
  select_aeName = NA,
  select_aeEinheit = NA,
  select_aeBeschreibung = NA,
  orderBy = NULL,
  orderBy_aeID = NA,
  orderBy_aeName = NA,
  orderBy_aeEinheit = NA,
  orderBy_aeBeschreibung = NA,
  db = "KURAS",
  ...
)

```

Arguments

| | |
|------------------------|--|
| where | WHERE condition |
| where_aeID | condition for field <i>aeID</i> : Enter a field description here |
| where_aeName | condition for field <i>aeName</i> : Enter a field description here |
| where_aeEinheit | condition for field <i>aeEinheit</i> : Enter a field description here |
| where_aeBeschreibung | condition for field <i>aeBeschreibung</i> : Enter a field description here |
| select | fields/expressions to select |
| select_aeID | select field <i>aeID</i> ? |
| select_aeName | select field <i>aeName</i> ? |
| select_aeEinheit | select field <i>aeEinheit</i> ? |
| select_aeBeschreibung | select field <i>aeBeschreibung</i> ? |
| orderBy | ORDER BY clause of SQL expression |
| orderBy_aeID | order by field <i>aeID</i> ? |
| orderBy_aeName | order by field <i>aeName</i> ? |
| orderBy_aeEinheit | order by field <i>aeEinheit</i> ? |
| orderBy_aeBeschreibung | order by field <i>aeBeschreibung</i> ? |
| db | name of ODBC data source, default: "KURAS" |
| ... | additional arguments passed to <code>kwb.db::selectFromTable</code> |

kuras_anlageeigenschaftswert
select records from tblanlageeigenschaftswert

Description

select and filter records from tblanlageeigenschaftswert

Usage

```
kuras_anlageeigenschaftswert(
  where = NULL,
  where_awID = NA,
  where_awAnlageID = NA,
  where_awAnlageEigenschaftID = NA,
  where_awZahlwert = NA,
  where_awBeschreibung = NA,
  select = NULL,
  select_awID = NA,
  select_awAnlageID = NA,
  select_awAnlageEigenschaftID = NA,
  select_awZahlwert = NA,
  select_awBeschreibung = NA,
  orderBy = NULL,
  orderBy_awID = NA,
  orderBy_awAnlageID = NA,
  orderBy_awAnlageEigenschaftID = NA,
  orderBy_awZahlwert = NA,
  orderBy_awBeschreibung = NA,
  db = "KURAS",
  ...
)
```

Arguments

| | |
|-----------------------------|---|
| where | WHERE condition |
| where_awID | condition for field <i>awID</i> : Enter a field description here |
| where_awAnlageID | condition for field <i>awAnlageID</i> : Enter a field description here |
| where_awAnlageEigenschaftID | condition for field <i>awAnlageEigenschaftID</i> : Enter a field description here |
| where_awZahlwert | condition for field <i>awZahlwert</i> : Enter a field description here |
| where_awBeschreibung | condition for field <i>awBeschreibung</i> : Enter a field description here |

| | |
|-------------------------------|---|
| select | fields/expressions to select |
| select_awID | select field <i>awID</i> ? |
| select_awAnlageID | select field <i>awAnlageID</i> ? |
| select_awAnlageEigenschaftID | select field <i>awAnlageEigenschaftID</i> ? |
| select_awZahlwert | select field <i>awZahlwert</i> ? |
| select_awBeschreibung | select field <i>awBeschreibung</i> ? |
| orderBy | ORDER BY clause of SQL expression |
| orderBy_awID | order by field <i>awID</i> ? |
| orderBy_awAnlageID | order by field <i>awAnlageID</i> ? |
| orderBy_awAnlageEigenschaftID | order by field <i>awAnlageEigenschaftID</i> ? |
| orderBy_awZahlwert | order by field <i>awZahlwert</i> ? |
| orderBy_awBeschreibung | order by field <i>awBeschreibung</i> ? |
| db | name of ODBC data source, default: "KURAS" |
| ... | additional arguments passed to <code>kwb.db::selectFromTable</code> |

kuras_anlageoderstudie

select records from tblanlageoderstudie

Description

select and filter records from tblanlageoderstudie

Usage

```
kuras_anlageoderstudie(
  where = NULL,
  where_aID = NA,
  where_aName = NA,
  where_aMassnahmenTypID = NA,
  where_aMassnahmenEbeneID = NA,
  where_aStandortID = NA,
  where_aAdresse = NA,
  where_aKoordinateX = NA,
  where_aKoordinateY = NA,
  where_aEntwaesserungssystem = NA,
```

```
where_aBetreiberInstitutionID = NA,  
where_aInbetriebnahme = NA,  
where_aAusserbetriebnahme = NA,  
where_aBetriebsweise = NA,  
where_aBeschreibung = NA,  
where_aProjektID = NA,  
where_aFotoOrdner = NA,  
where_aDokumentOrdner = NA,  
where_aAngelegtAm = NA,  
where_aAngelegtVonPersonID = NA,  
where_aGeaendert = NA,  
where_aKoordinatensystem = NA,  
where_aReferenzGruppeID = NA,  
where_aIstStudie = NA,  
select = NULL,  
select_aID = NA,  
select_aName = NA,  
select_aMassnahmenTypID = NA,  
select_aMassnahmenEbeneID = NA,  
select_aStandortID = NA,  
select_aAdresse = NA,  
select_aKoordinateX = NA,  
select_aKoordinateY = NA,  
select_aEntwaesserungssystem = NA,  
select_aBetreiberInstitutionID = NA,  
select_aInbetriebnahme = NA,  
select_aAusserbetriebnahme = NA,  
select_aBetriebsweise = NA,  
select_aBeschreibung = NA,  
select_aProjektID = NA,  
select_aFotoOrdner = NA,  
select_aDokumentOrdner = NA,  
select_aAngelegtAm = NA,  
select_aAngelegtVonPersonID = NA,  
select_aGeaendert = NA,  
select_aKoordinatensystem = NA,  
select_aReferenzGruppeID = NA,  
select_aIstStudie = NA,  
orderBy = NULL,  
orderBy_aID = NA,  
orderBy_aName = NA,  
orderBy_aMassnahmenTypID = NA,  
orderBy_aMassnahmenEbeneID = NA,  
orderBy_aStandortID = NA,  
orderBy_aAdresse = NA,  
orderBy_aKoordinateX = NA,  
orderBy_aKoordinateY = NA,  
orderBy_aEntwaesserungssystem = NA,
```

```

orderBy_aBetreiberInstitutionID = NA,
orderBy_aInbetriebnahme = NA,
orderBy_aAusserbetriebnahme = NA,
orderBy_aBetriebsweise = NA,
orderBy_aBeschreibung = NA,
orderBy_aProjektID = NA,
orderBy_aFotoOrdner = NA,
orderBy_aDokumentOrdner = NA,
orderBy_aAngelegtAm = NA,
orderBy_aAngelegtVonPersonID = NA,
orderBy_aGeändert = NA,
orderBy_aKoordinatensystem = NA,
orderBy_aReferenzGruppeID = NA,
orderBy_aIstStudie = NA,
db = "KURAS",
...
)

```

Arguments

| | |
|-------------------------------|---|
| where | WHERE condition |
| where_aID | condition for field <i>aID</i> : Enter a field description here |
| where_aName | condition for field <i>aName</i> : Enter a field description here |
| where_aMassnahmenTypID | condition for field <i>aMassnahmenTypID</i> : Enter a field description here |
| where_aMassnahmenEbeneID | condition for field <i>aMassnahmenEbeneID</i> : Enter a field description here |
| where_aStandortID | condition for field <i>aStandortID</i> : Enter a field description here |
| where_aAdresse | condition for field <i>aAdresse</i> : Enter a field description here |
| where_aKoordinateX | condition for field <i>aKoordinateX</i> : Enter a field description here |
| where_aKoordinateY | condition for field <i>aKoordinateY</i> : Enter a field description here |
| where_aEntwaesserungssystem | condition for field <i>aEntwaesserungssystem</i> : Enter a field description here |
| where_aBetreiberInstitutionID | condition for field <i>aBetreiberInstitutionID</i> : Enter a field description here |
| where_aInbetriebnahme | condition for field <i>aInbetriebnahme</i> : Enter a field description here |
| where_aAusserbetriebnahme | condition for field <i>aAusserbetriebnahme</i> : Enter a field description here |
| where_aBetriebsweise | condition for field <i>aBetriebsweise</i> : Enter a field description here |
| where_aBeschreibung | condition for field <i>aBeschreibung</i> : Enter a field description here |

select_aProjektID
 select field *aProjektID?*

select_aFotoOrdner
 select field *aFotoOrdner?*

select_aDokumentOrdner
 select field *aDokumentOrdner?*

select_aAngelegtAm
 select field *aAngelegtAm?*

select_aAngelegtVonPersonID
 select field *aAngelegtVonPersonID?*

select_aGeaendert
 select field *aGeaendert?*

select_aKoordinatensystem
 select field *aKoordinatensystem?*

select_aReferenzGruppeID
 select field *aReferenzGruppeID?*

select_aIstStudie
 select field *aIstStudie?*

orderBy ORDER BY clause of SQL expression

orderBy_aID order by field *aID?*

orderBy_aName order by field *aName?*

orderBy_aMassnahmenTypID
 order by field *aMassnahmenTypID?*

orderBy_aMassnahmenEbeneID
 order by field *aMassnahmenEbeneID?*

orderBy_aStandortID
 order by field *aStandortID?*

orderBy_aAdresse
 order by field *aAdresse?*

orderBy_aKoordinateX
 order by field *aKoordinateX?*

orderBy_aKoordinateY
 order by field *aKoordinateY?*

orderBy_aEntwaesserungssystem
 order by field *aEntwaesserungssystem?*

orderBy_aBetreiberInstitutionID
 order by field *aBetreiberInstitutionID?*

orderBy_aInbetriebnahme
 order by field *aInbetriebnahme?*

orderBy_aAusserbetriebnahme
 order by field *aAusserbetriebnahme?*

orderBy_aBetriebsweise
 order by field *aBetriebsweise?*

orderBy_aBeschreibung
 order by field *aBeschreibung?*

```

orderBy_aProjektID
    order by field aProjektID?
orderBy_aFotoOrdner
    order by field aFotoOrdner?
orderBy_aDokumentOrdner
    order by field aDokumentOrdner?
orderBy_aAngelegtAm
    order by field aAngelegtAm?
orderBy_aAngelegtVonPersonID
    order by field aAngelegtVonPersonID?
orderBy_aGeaendert
    order by field aGeaendert?
orderBy_aKoordinatensystem
    order by field aKoordinatensystem?
orderBy_aReferenzGruppeID
    order by field aReferenzGruppeID?
orderBy_aIstStudie
    order by field aIstStudie?
db
    name of ODBC data source, default: "KURAS"
...
    additional arguments passed to kwb.db::selectFromTable

```

| | |
|------------------|-------------------------|
| kuras_auswertung | <i>KURAS Auswertung</i> |
|------------------|-------------------------|

Description

KURAS Auswertung

Usage

```

kuras_auswertung(
  effekte = kuras_effekt(stringsAsFactors = FALSE),
  indikatoren = kuras_indikator(stringsAsFactors = FALSE),
  indikatorwerte = kuras_indikatorwert(stringsAsFactors = FALSE)
)

```

Arguments

effekte data frame as returned by [kuras_effekt](#)
indikatoren data frame as returned by [kuras_indikator](#)
indikatorwerte data frame as returned by [kuras_indikatorwert](#)

| | |
|--------------|--------------------------------------|
| kuras_effekt | <i>select records from tbleffekt</i> |
|--------------|--------------------------------------|

Description

select and filter records from tbleffekt

Usage

```
kuras_effekt(
  where = NULL,
  where_eID = NA,
  where_eName = NA,
  where_eBeschreibung = NA,
  select = NULL,
  select_eID = NA,
  select_eName = NA,
  select_eBeschreibung = NA,
  orderBy = NULL,
  orderBy_eID = NA,
  orderBy_eName = NA,
  orderBy_eBeschreibung = NA,
  db = "KURAS",
  ...
)
```

Arguments

| | |
|-----------------------|---|
| where | WHERE condition |
| where_eID | condition for field <i>eID</i> : Enter a field description here |
| where_eName | condition for field <i>eName</i> : Enter a field description here |
| where_eBeschreibung | condition for field <i>eBeschreibung</i> : Enter a field description here |
| select | fields/expressions to select |
| select_eID | select field <i>eID</i> ? |
| select_eName | select field <i>eName</i> ? |
| select_eBeschreibung | select field <i>eBeschreibung</i> ? |
| orderBy | ORDER BY clause of SQL expression |
| orderBy_eID | order by field <i>eID</i> ? |
| orderBy_eName | order by field <i>eName</i> ? |
| orderBy_eBeschreibung | order by field <i>eBeschreibung</i> ? |
| db | name of ODBC data source, default: "KURAS" |
| ... | additional arguments passed to <code>kwb.db::selectFromTable</code> |

| | |
|-----------------|---|
| kuras_indikator | <i>select records from tblindikator</i> |
|-----------------|---|

Description

select and filter records from tblindikator

Usage

```
kuras_indikator(
  where = NULL,
  where_iID = NA,
  where_iEffektID = NA,
  where_iName = NA,
  where_iEinheit = NA,
  where_iBeschreibung = NA,
  where_iAngelegtAm = NA,
  where_iAngelegtVonPersonID = NA,
  where_iGeaendert = NA,
  select = NULL,
  select_iID = NA,
  select_iEffektID = NA,
  select_iName = NA,
  select_iEinheit = NA,
  select_iBeschreibung = NA,
  select_iAngelegtAm = NA,
  select_iAngelegtVonPersonID = NA,
  select_iGeaendert = NA,
  orderBy = NULL,
  orderBy_iID = NA,
  orderBy_iEffektID = NA,
  orderBy_iName = NA,
  orderBy_iEinheit = NA,
  orderBy_iBeschreibung = NA,
  orderBy_iAngelegtAm = NA,
  orderBy_iAngelegtVonPersonID = NA,
  orderBy_iGeaendert = NA,
  db = "KURAS",
  ...
)
```

Arguments

| | |
|-----------------|---|
| where | WHERE condition |
| where_iID | condition for field <i>iID</i> : Enter a field description here |
| where_iEffektID | condition for field <i>iEffektID</i> : Enter a field description here |

where_iName condition for field *iName*: Enter a field description here
 where_iEinheit condition for field *iEinheit*: Enter a field description here
 where_iBeschreibung
 condition for field *iBeschreibung*: Enter a field description here
 where_iAngelegtAm
 condition for field *iAngelegtAm*: Enter a field description here
 where_iAngelegtVonPersonID
 condition for field *iAngelegtVonPersonID*: Enter a field description here
 where_iGeaendert
 condition for field *iGeaendert*: Enter a field description here

 select fields/expressions to select
 select_iID select field *iID*?
 select_iEffektID
 select field *iEffektID*?
 select_iName select field *iName*?
 select_iEinheit
 select field *iEinheit*?
 select_iBeschreibung
 select field *iBeschreibung*?
 select_iAngelegtAm
 select field *iAngelegtAm*?
 select_iAngelegtVonPersonID
 select field *iAngelegtVonPersonID*?
 select_iGeaendert
 select field *iGeaendert*?

 orderBy ORDER BY clause of SQL expression
 orderBy_iID order by field *iID*?
 orderBy_iEffektID
 order by field *iEffektID*?
 orderBy_iName order by field *iName*?
 orderBy_iEinheit
 order by field *iEinheit*?
 orderBy_iBeschreibung
 order by field *iBeschreibung*?
 orderBy_iAngelegtAm
 order by field *iAngelegtAm*?
 orderBy_iAngelegtVonPersonID
 order by field *iAngelegtVonPersonID*?
 orderBy_iGeaendert
 order by field *iGeaendert*?

 db name of ODBC data source, default: "KURAS"
 ... additional arguments passed to `kwb.db:selectFromTable`

kuras_indikatorwert *select records from tblindikatorwert*

Description

select and filter records from tblindikatorwert

Usage

```
kuras_indikatorwert(  
  where = NULL,  
  where_iwID = NA,  
  where_iwAnlageID = NA,  
  where_iwIndikatorID = NA,  
  where_iwReferenzGruppeID = NA,  
  where_iwMittelwert = NA,  
  where_iwMinWert = NA,  
  where_iwMaxWert = NA,  
  where_iwMedian = NA,  
  where_iwStandardabweichung = NA,  
  where_iwAnzahlWerte = NA,  
  where_iwZeitbezugBeginn = NA,  
  where_iwZeitbezugEnde = NA,  
  where_iwErhebungsmethode = NA,  
  select = NULL,  
  select_iwID = NA,  
  select_iwAnlageID = NA,  
  select_iwIndikatorID = NA,  
  select_iwReferenzGruppeID = NA,  
  select_iwMittelwert = NA,  
  select_iwMinWert = NA,  
  select_iwMaxWert = NA,  
  select_iwMedian = NA,  
  select_iwStandardabweichung = NA,  
  select_iwAnzahlWerte = NA,  
  select_iwZeitbezugBeginn = NA,  
  select_iwZeitbezugEnde = NA,  
  select_iwErhebungsmethode = NA,  
  orderBy = NULL,  
  orderBy_iwID = NA,  
  orderBy_iwAnlageID = NA,  
  orderBy_iwIndikatorID = NA,  
  orderBy_iwReferenzGruppeID = NA,  
  orderBy_iwMittelwert = NA,  
  orderBy_iwMinWert = NA,  
  orderBy_iwMaxWert = NA,  
  orderBy_iwMedian = NA,  
)
```

```

orderBy_iwStandardabweichung = NA,
orderBy_iwAnzahlWerte = NA,
orderBy_iwZeitbezugBeginn = NA,
orderBy_iwZeitbezugEnde = NA,
orderBy_iwErhebungsmethode = NA,
db = "KURAS",
...
)

```

Arguments

| | |
|----------------------------|--|
| where | WHERE condition |
| where_iwID | condition for field <i>iwID</i> : Enter a field description here |
| where_iwAnlageID | condition for field <i>iwAnlageID</i> : Enter a field description here |
| where_iwIndikatorID | condition for field <i>iwIndikatorID</i> : Enter a field description here |
| where_iwReferenzGruppeID | condition for field <i>iwReferenzGruppeID</i> : Enter a field description here |
| where_iwMittelwert | condition for field <i>iwMittelwert</i> : Enter a field description here |
| where_iwMinWert | condition for field <i>iwMinWert</i> : Enter a field description here |
| where_iwMaxWert | condition for field <i>iwMaxWert</i> : Enter a field description here |
| where_iwMedian | condition for field <i>iwMedian</i> : Enter a field description here |
| where_iwStandardabweichung | condition for field <i>iwStandardabweichung</i> : Enter a field description here |
| where_iwAnzahlWerte | condition for field <i>iwAnzahlWerte</i> : Enter a field description here |
| where_iwZeitbezugBeginn | condition for field <i>iwZeitbezugBeginn</i> : Enter a field description here |
| where_iwZeitbezugEnde | condition for field <i>iwZeitbezugEnde</i> : Enter a field description here |
| where_iwErhebungsmethode | condition for field <i>iwErhebungsmethode</i> : Enter a field description here |
| select | fields/expressions to select |
| select_iwID | select field <i>iwID</i> ? |
| select_iwAnlageID | select field <i>iwAnlageID</i> ? |
| select_iwIndikatorID | select field <i>iwIndikatorID</i> ? |
| select_iwReferenzGruppeID | select field <i>iwReferenzGruppeID</i> ? |

```

select_iwMittelwert      select field iwMittelwert?
select_iwMinWert        select field iwMinWert?
select_iwMaxWert        select field iwMaxWert?
select_iwMedian         select field iwMedian?
select_iwStandardabweichung select field iwStandardabweichung?
select_iwAnzahlWerte    select field iwAnzahlWerte?
select_iwZeitbezugBeginn select field iwZeitbezugBeginn?
select_iwZeitbezugEnde  select field iwZeitbezugEnde?
select_iwErhebungsmethode select field iwErhebungsmethode?
orderBy                 ORDER BY clause of SQL expression
orderBy_iwID            order by field iwID?
orderBy_iwAnlageID     order by field iwAnlageID?
orderBy_iwIndikatorID  order by field iwIndikatorID?
orderBy_iwReferenzGruppeID order by field iwReferenzGruppeID?
orderBy_iwMittelwert   order by field iwMittelwert?
orderBy_iwMinWert      order by field iwMinWert?
orderBy_iwMaxWert      order by field iwMaxWert?
orderBy_iwMedian       order by field iwMedian?
orderBy_iwStandardabweichung order by field iwStandardabweichung?
orderBy_iwAnzahlWerte  order by field iwAnzahlWerte?
orderBy_iwZeitbezugBeginn order by field iwZeitbezugBeginn?
orderBy_iwZeitbezugEnde  order by field iwZeitbezugEnde?
orderBy_iwErhebungsmethode order by field iwErhebungsmethode?
db                     name of ODBC data source, default: "KURAS"
...                   additional arguments passed to kwb.db::selectFromTable

```

| | |
|-------------------|---|
| kuras_institution | <i>select records from tblinstitution</i> |
|-------------------|---|

Description

select and filter records from tblinstitution

Usage

```
kuras_institution(
  where = NULL,
  where_inID = NA,
  where_inName = NA,
  where_inKurzname = NA,
  where_inAdresse = NA,
  where_inBeschreibung = NA,
  select = NULL,
  select_inID = NA,
  select_inName = NA,
  select_inKurzname = NA,
  select_inAdresse = NA,
  select_inBeschreibung = NA,
  orderBy = NULL,
  orderBy_inID = NA,
  orderBy_inName = NA,
  orderBy_inKurzname = NA,
  orderBy_inAdresse = NA,
  orderBy_inBeschreibung = NA,
  db = "KURAS",
  ...
)
```

Arguments

| | |
|----------------------|--|
| where | WHERE condition |
| where_inID | condition for field <i>inID</i> : Enter a field description here |
| where_inName | condition for field <i>inName</i> : Enter a field description here |
| where_inKurzname | condition for field <i>inKurzname</i> : Enter a field description here |
| where_inAdresse | condition for field <i>inAdresse</i> : Enter a field description here |
| where_inBeschreibung | condition for field <i>inBeschreibung</i> : Enter a field description here |
| select | fields/expressions to select |
| select_inID | select field <i>inID</i> ? |

```

select_inName  select field inName?
select_inKurzname
                select field inKurzname?
select_inAdresse
                select field inAdresse?
select_inBeschreibung
                select field inBeschreibung?

orderBy        ORDER BY clause of SQL expression
orderBy_inID   order by field inID?
orderBy_inName order by field inName?
orderBy_inKurzname
                order by field inKurzname?
orderBy_inAdresse
                order by field inAdresse?
orderBy_inBeschreibung
                order by field inBeschreibung?

db             name of ODBC data source, default: "KURAS"
...           additional arguments passed to kwb.db::selectFromTable

```

```

kuras_kommentar      select records from tblkommentar

```

Description

select and filter records from tblkommentar

Usage

```

kuras_kommentar(
  where = NULL,
  where_kID = NA,
  where_kPersonID = NA,
  where_kDatum = NA,
  where_kBezugstabelle = NA,
  where_kDatensatzID = NA,
  where_kKommentar = NA,
  select = NULL,
  select_kID = NA,
  select_kPersonID = NA,
  select_kDatum = NA,
  select_kBezugstabelle = NA,
  select_kDatensatzID = NA,
  select_kKommentar = NA,
  orderBy = NULL,
  orderBy_kID = NA,

```

```

orderBy_kPersonID = NA,
orderBy_kDatum = NA,
orderBy_kBezugstabelle = NA,
orderBy_kDatensatzID = NA,
orderBy_kKommentar = NA,
db = "KURAS",
...
)

```

Arguments

| | |
|------------------------|--|
| where | WHERE condition |
| where_kID | condition for field <i>kID</i> : Enter a field description here |
| where_kPersonID | condition for field <i>kPersonID</i> : Enter a field description here |
| where_kDatum | condition for field <i>kDatum</i> : Enter a field description here |
| where_kBezugstabelle | condition for field <i>kBezugstabelle</i> : Enter a field description here |
| where_kDatensatzID | condition for field <i>kDatensatzID</i> : Enter a field description here |
| where_kKommentar | condition for field <i>kKommentar</i> : Enter a field description here |
| select | fields/expressions to select |
| select_kID | select field <i>kID</i> ? |
| select_kPersonID | select field <i>kPersonID</i> ? |
| select_kDatum | select field <i>kDatum</i> ? |
| select_kBezugstabelle | select field <i>kBezugstabelle</i> ? |
| select_kDatensatzID | select field <i>kDatensatzID</i> ? |
| select_kKommentar | select field <i>kKommentar</i> ? |
| orderBy | ORDER BY clause of SQL expression |
| orderBy_kID | order by field <i>kID</i> ? |
| orderBy_kPersonID | order by field <i>kPersonID</i> ? |
| orderBy_kDatum | order by field <i>kDatum</i> ? |
| orderBy_kBezugstabelle | order by field <i>kBezugstabelle</i> ? |
| orderBy_kDatensatzID | order by field <i>kDatensatzID</i> ? |
| orderBy_kKommentar | order by field <i>kKommentar</i> ? |
| db | name of ODBC data source, default: "KURAS" |
| ... | additional arguments passed to <code>kwb.db::selectFromTable</code> |

kuras_koordinatensystem

select records from tblkoordinatensystem

Description

select and filter records from tblkoordinatensystem

Usage

```
kuras_koordinatensystem(
  where = NULL,
  where_koID = NA,
  where_koName = NA,
  select = NULL,
  select_koID = NA,
  select_koName = NA,
  orderBy = NULL,
  orderBy_koID = NA,
  orderBy_koName = NA,
  db = "KURAS",
  ...
)
```

Arguments

| | |
|----------------|---|
| where | WHERE condition |
| where_koID | condition for field <i>koID</i> : Enter a field description here |
| where_koName | condition for field <i>koName</i> : Enter a field description here |
| select | fields/expressions to select |
| select_koID | select field <i>koID</i> ? |
| select_koName | select field <i>koName</i> ? |
| orderBy | ORDER BY clause of SQL expression |
| orderBy_koID | order by field <i>koID</i> ? |
| orderBy_koName | order by field <i>koName</i> ? |
| db | name of ODBC data source, default: "KURAS" |
| ... | additional arguments passed to <code>kwb.db::selectFromTable</code> |

kuras_massnahmeebene *select records from tblmassnahmeebene*

Description

select and filter records from tblmassnahmeebene

Usage

```
kuras_massnahmeebene(
  where = NULL,
  where_meID = NA,
  where_meName = NA,
  where_meBeschreibung = NA,
  select = NULL,
  select_meID = NA,
  select_meName = NA,
  select_meBeschreibung = NA,
  orderBy = NULL,
  orderBy_meID = NA,
  orderBy_meName = NA,
  orderBy_meBeschreibung = NA,
  db = "KURAS",
  ...
)
```

Arguments

| | |
|------------------------|--|
| where | WHERE condition |
| where_meID | condition for field <i>meID</i> : Enter a field description here |
| where_meName | condition for field <i>meName</i> : Enter a field description here |
| where_meBeschreibung | condition for field <i>meBeschreibung</i> : Enter a field description here |
| select | fields/expressions to select |
| select_meID | select field <i>meID</i> ? |
| select_meName | select field <i>meName</i> ? |
| select_meBeschreibung | select field <i>meBeschreibung</i> ? |
| orderBy | ORDER BY clause of SQL expression |
| orderBy_meID | order by field <i>meID</i> ? |
| orderBy_meName | order by field <i>meName</i> ? |
| orderBy_meBeschreibung | order by field <i>meBeschreibung</i> ? |
| db | name of ODBC data source, default: "KURAS" |
| ... | additional arguments passed to <code>kwb.db::selectFromTable</code> |

```
kuras_massnahmenkategorie
    select records from tblmassnahmenkategorie
```

Description

select and filter records from tblmassnahmenkategorie

Usage

```
kuras_massnahmenkategorie(
    where = NULL,
    where_mkID = NA,
    where_mkName = NA,
    select = NULL,
    select_mkID = NA,
    select_mkName = NA,
    orderBy = NULL,
    orderBy_mkID = NA,
    orderBy_mkName = NA,
    db = "KURAS",
    ...
)
```

Arguments

| | |
|----------------|---|
| where | WHERE condition |
| where_mkID | condition for field <i>mkID</i> : Enter a field description here |
| where_mkName | condition for field <i>mkName</i> : Enter a field description here |
| select | fields/expressions to select |
| select_mkID | select field <i>mkID</i> ? |
| select_mkName | select field <i>mkName</i> ? |
| orderBy | ORDER BY clause of SQL expression |
| orderBy_mkID | order by field <i>mkID</i> ? |
| orderBy_mkName | order by field <i>mkName</i> ? |
| db | name of ODBC data source, default: "KURAS" |
| ... | additional arguments passed to <code>kwb.db::selectFromTable</code> |

kuras_massnahmetyp *select records from tblmassnahmetyp*

Description

select and filter records from tblmassnahmetyp

Usage

```
kuras_massnahmetyp(
  where = NULL,
  where_mID = NA,
  where_mName = NA,
  where_mBeschreibung = NA,
  where_mMassnahmenKategorieID = NA,
  select = NULL,
  select_mID = NA,
  select_mName = NA,
  select_mBeschreibung = NA,
  select_mMassnahmenKategorieID = NA,
  orderBy = NULL,
  orderBy_mID = NA,
  orderBy_mName = NA,
  orderBy_mBeschreibung = NA,
  orderBy_mMassnahmenKategorieID = NA,
  db = "KURAS",
  ...
)
```

Arguments

| | |
|-------------------------------|--|
| where | WHERE condition |
| where_mID | condition for field <i>mID</i> : Enter a field description here |
| where_mName | condition for field <i>mName</i> : Enter a field description here |
| where_mBeschreibung | condition for field <i>mBeschreibung</i> : Enter a field description here |
| where_mMassnahmenKategorieID | condition for field <i>mMassnahmenKategorieID</i> : Enter a field description here |
| select | fields/expressions to select |
| select_mID | select field <i>mID</i> ? |
| select_mName | select field <i>mName</i> ? |
| select_mBeschreibung | select field <i>mBeschreibung</i> ? |
| select_mMassnahmenKategorieID | select field <i>mMassnahmenKategorieID</i> ? |

| | |
|--------------------------------|---|
| orderBy | ORDER BY clause of SQL expression |
| orderBy_mID | order by field <i>mID</i> ? |
| orderBy_mName | order by field <i>mName</i> ? |
| orderBy_mBeschreibung | order by field <i>mBeschreibung</i> ? |
| orderBy_mMassnahmenKategorieID | order by field <i>mMassnahmenKategorieID</i> ? |
| db | name of ODBC data source, default: "KURAS" |
| ... | additional arguments passed to <code>kwb.db::selectFromTable</code> |

| | |
|--------------|--------------------------------------|
| kuras_person | <i>select records from tblperson</i> |
|--------------|--------------------------------------|

Description

select and filter records from `tblperson`

Usage

```

kuras_person(
  where = NULL,
  where_pnID = NA,
  where_pnInitialien = NA,
  where_pnVorname = NA,
  where_pnNachname = NA,
  where_pnInstitutionID = NA,
  where_pnAdresse = NA,
  where_pnTelefon = NA,
  select = NULL,
  select_pnID = NA,
  select_pnInitialien = NA,
  select_pnVorname = NA,
  select_pnNachname = NA,
  select_pnInstitutionID = NA,
  select_pnAdresse = NA,
  select_pnTelefon = NA,
  orderBy = NULL,
  orderBy_pnID = NA,
  orderBy_pnInitialien = NA,
  orderBy_pnVorname = NA,
  orderBy_pnNachname = NA,
  orderBy_pnInstitutionID = NA,
  orderBy_pnAdresse = NA,
  orderBy_pnTelefon = NA,
  db = "KURAS",
  ...
)

```

Arguments

| | |
|-------------------------|---|
| where | WHERE condition |
| where_pnID | condition for field <i>pnID</i> : Enter a field description here |
| where_pnInitialien | condition for field <i>pnInitialien</i> : Enter a field description here |
| where_pnVorname | condition for field <i>pnVorname</i> : Enter a field description here |
| where_pnNachname | condition for field <i>pnNachname</i> : Enter a field description here |
| where_pnInstitutionID | condition for field <i>pnInstitutionID</i> : Enter a field description here |
| where_pnAdresse | condition for field <i>pnAdresse</i> : Enter a field description here |
| where_pnTelefon | condition for field <i>pnTelefon</i> : Enter a field description here |
| select | fields/expressions to select |
| select_pnID | select field <i>pnID</i> ? |
| select_pnInitialien | select field <i>pnInitialien</i> ? |
| select_pnVorname | select field <i>pnVorname</i> ? |
| select_pnNachname | select field <i>pnNachname</i> ? |
| select_pnInstitutionID | select field <i>pnInstitutionID</i> ? |
| select_pnAdresse | select field <i>pnAdresse</i> ? |
| select_pnTelefon | select field <i>pnTelefon</i> ? |
| orderBy | ORDER BY clause of SQL expression |
| orderBy_pnID | order by field <i>pnID</i> ? |
| orderBy_pnInitialien | order by field <i>pnInitialien</i> ? |
| orderBy_pnVorname | order by field <i>pnVorname</i> ? |
| orderBy_pnNachname | order by field <i>pnNachname</i> ? |
| orderBy_pnInstitutionID | order by field <i>pnInstitutionID</i> ? |
| orderBy_pnAdresse | order by field <i>pnAdresse</i> ? |
| orderBy_pnTelefon | order by field <i>pnTelefon</i> ? |
| db | name of ODBC data source, default: "KURAS" |
| ... | additional arguments passed to <code>kwb.db::selectFromTable</code> |

| | |
|---------------|---------------------------------------|
| kuras_projekt | <i>select records from tblprojekt</i> |
|---------------|---------------------------------------|

Description

select and filter records from tblprojekt

Usage

```
kuras_projekt(
  where = NULL,
  where_pID = NA,
  where_pName = NA,
  where_pBeginn = NA,
  where_pEnde = NA,
  where_pDurchfuehrungInstitutionID = NA,
  where_pAuftraggeberInstitutionID = NA,
  where_pBeschreibung = NA,
  where_pProjektblattnummer = NA,
  select = NULL,
  select_pID = NA,
  select_pName = NA,
  select_pBeginn = NA,
  select_pEnde = NA,
  select_pDurchfuehrungInstitutionID = NA,
  select_pAuftraggeberInstitutionID = NA,
  select_pBeschreibung = NA,
  select_pProjektblattnummer = NA,
  orderBy = NULL,
  orderBy_pID = NA,
  orderBy_pName = NA,
  orderBy_pBeginn = NA,
  orderBy_pEnde = NA,
  orderBy_pDurchfuehrungInstitutionID = NA,
  orderBy_pAuftraggeberInstitutionID = NA,
  orderBy_pBeschreibung = NA,
  orderBy_pProjektblattnummer = NA,
  db = "KURAS",
  ...
)
```

Arguments

| | |
|-------------|---|
| where | WHERE condition |
| where_pID | condition for field <i>pID</i> : Enter a field description here |
| where_pName | condition for field <i>pName</i> : Enter a field description here |

where_pBeginn condition for field *pBeginn*: Enter a field description here
 where_pEnde condition for field *pEnde*: Enter a field description here
 where_pDurchfuehrungInstitutionID
 condition for field *pDurchfuehrungInstitutionID*: Enter a field description here
 where_pAuftraggeberInstitutionID
 condition for field *pAuftraggeberInstitutionID*: Enter a field description here
 where_pBeschreibung
 condition for field *pBeschreibung*: Enter a field description here
 where_pProjektblattnummer
 condition for field *pProjektblattnummer*: Enter a field description here
 select fields/expressions to select
 select_pID select field *pID*?
 select_pName select field *pName*?
 select_pBeginn select field *pBeginn*?
 select_pEnde select field *pEnde*?
 select_pDurchfuehrungInstitutionID
 select field *pDurchfuehrungInstitutionID*?
 select_pAuftraggeberInstitutionID
 select field *pAuftraggeberInstitutionID*?
 select_pBeschreibung
 select field *pBeschreibung*?
 select_pProjektblattnummer
 select field *pProjektblattnummer*?
 orderBy ORDER BY clause of SQL expression
 orderBy_pID order by field *pID*?
 orderBy_pName order by field *pName*?
 orderBy_pBeginn
 order by field *pBeginn*?
 orderBy_pEnde order by field *pEnde*?
 orderBy_pDurchfuehrungInstitutionID
 order by field *pDurchfuehrungInstitutionID*?
 orderBy_pAuftraggeberInstitutionID
 order by field *pAuftraggeberInstitutionID*?
 orderBy_pBeschreibung
 order by field *pBeschreibung*?
 orderBy_pProjektblattnummer
 order by field *pProjektblattnummer*?
 db name of ODBC data source, default: "KURAS"
 ... additional arguments passed to `kwb.db::selectFromTable`

| | |
|----------------|--|
| kuras_referenz | <i>select records from tblreferenz</i> |
|----------------|--|

Description

select and filter records from tblreferenz

Usage

```
kuras_referenz(  
  where = NULL,  
  where_rID = NA,  
  where_rNachname = NA,  
  where_rVorname = NA,  
  where_rJahr = NA,  
  where_rArt = NA,  
  where_rTitel = NA,  
  where_rTitelMedium = NA,  
  where_rZusatz = NA,  
  where_rBeschreibung = NA,  
  where_rQualitaet = NA,  
  select = NULL,  
  select_rID = NA,  
  select_rNachname = NA,  
  select_rVorname = NA,  
  select_rJahr = NA,  
  select_rArt = NA,  
  select_rTitel = NA,  
  select_rTitelMedium = NA,  
  select_rZusatz = NA,  
  select_rBeschreibung = NA,  
  select_rQualitaet = NA,  
  orderBy = NULL,  
  orderBy_rID = NA,  
  orderBy_rNachname = NA,  
  orderBy_rVorname = NA,  
  orderBy_rJahr = NA,  
  orderBy_rArt = NA,  
  orderBy_rTitel = NA,  
  orderBy_rTitelMedium = NA,  
  orderBy_rZusatz = NA,  
  orderBy_rBeschreibung = NA,  
  orderBy_rQualitaet = NA,  
  db = "KURAS",  
  ...  
)
```

Arguments

| | |
|----------------------|---|
| where | WHERE condition |
| where_rID | condition for field <i>rID</i> : Enter a field description here |
| where_rNachname | condition for field <i>rNachname</i> : Enter a field description here |
| where_rVorname | condition for field <i>rVorname</i> : Enter a field description here |
| where_rJahr | condition for field <i>rJahr</i> : Enter a field description here |
| where_rArt | condition for field <i>rArt</i> : Enter a field description here |
| where_rTitel | condition for field <i>rTitel</i> : Enter a field description here |
| where_rTitelMedium | condition for field <i>rTitelMedium</i> : Enter a field description here |
| where_rZusatz | condition for field <i>rZusatz</i> : Enter a field description here |
| where_rBeschreibung | condition for field <i>rBeschreibung</i> : Enter a field description here |
| where_rQualitaet | condition for field <i>rQualitaet</i> : Enter a field description here |
| select | fields/expressions to select |
| select_rID | select field <i>rID</i> ? |
| select_rNachname | select field <i>rNachname</i> ? |
| select_rVorname | select field <i>rVorname</i> ? |
| select_rJahr | select field <i>rJahr</i> ? |
| select_rArt | select field <i>rArt</i> ? |
| select_rTitel | select field <i>rTitel</i> ? |
| select_rTitelMedium | select field <i>rTitelMedium</i> ? |
| select_rZusatz | select field <i>rZusatz</i> ? |
| select_rBeschreibung | select field <i>rBeschreibung</i> ? |
| select_rQualitaet | select field <i>rQualitaet</i> ? |
| orderBy | ORDER BY clause of SQL expression |
| orderBy_rID | order by field <i>rID</i> ? |
| orderBy_rNachname | order by field <i>rNachname</i> ? |
| orderBy_rVorname | order by field <i>rVorname</i> ? |
| orderBy_rJahr | order by field <i>rJahr</i> ? |
| orderBy_rArt | order by field <i>rArt</i> ? |
| orderBy_rTitel | order by field <i>rTitel</i> ? |

```

orderBy_rTitelMedium      order by field rTitelMedium?
orderBy_rZusatz           order by field rZusatz?
orderBy_rBeschreibung     order by field rBeschreibung?
orderBy_rQualitaet       order by field rQualitaet?
db                        name of ODBC data source, default: "KURAS"
...                       additional arguments passed to kwb.db::selectFromTable

```

```

kuras_referenzgruppe  select records from tblreferenzgruppe

```

Description

select and filter records from `tblreferenzgruppe`

Usage

```

kuras_referenzgruppe(
  where = NULL,
  where_rgID = NA,
  select = NULL,
  select_rgID = NA,
  orderBy = NULL,
  orderBy_rgID = NA,
  db = "KURAS",
  ...
)

```

Arguments

```

where      WHERE condition
where_rgID condition for field rgID: Enter a field description here
select     fields/expressions to select
select_rgID select field rgID?
orderBy    ORDER BY clause of SQL expression
orderBy_rgID order by field rgID?
db         name of ODBC data source, default: "KURAS"
...       additional arguments passed to kwb.db::selectFromTable

```

```
kuras_referenzgruppereferenz
    select records from tblreferenzgruppereferenz
```

Description

select and filter records from tblreferenzgruppereferenz

Usage

```
kuras_referenzgruppereferenz(
    where = NULL,
    where_rrID = NA,
    where_rrReferenzGruppeID = NA,
    where_rrReferenzID = NA,
    select = NULL,
    select_rrID = NA,
    select_rrReferenzGruppeID = NA,
    select_rrReferenzID = NA,
    orderBy = NULL,
    orderBy_rrID = NA,
    orderBy_rrReferenzGruppeID = NA,
    orderBy_rrReferenzID = NA,
    db = "KURAS",
    ...
)
```

Arguments

| | |
|----------------------------|--|
| where | WHERE condition |
| where_rrID | condition for field <i>rrID</i> : Enter a field description here |
| where_rrReferenzGruppeID | condition for field <i>rrReferenzGruppeID</i> : Enter a field description here |
| where_rrReferenzID | condition for field <i>rrReferenzID</i> : Enter a field description here |
| select | fields/expressions to select |
| select_rrID | select field <i>rrID</i> ? |
| select_rrReferenzGruppeID | select field <i>rrReferenzGruppeID</i> ? |
| select_rrReferenzID | select field <i>rrReferenzID</i> ? |
| orderBy | ORDER BY clause of SQL expression |
| orderBy_rrID | order by field <i>rrID</i> ? |
| orderBy_rrReferenzGruppeID | order by field <i>rrReferenzGruppeID</i> ? |

| | |
|----------------------|--|
| orderBy_rrReferenzID | order by field <i>rrReferenzID</i> ? |
| db | name of ODBC data source, default: "KURAS" |
| ... | additional arguments passed to <code>kwb.db: :selectFromTable</code> |

| | |
|----------------|--|
| kuras_standort | <i>select records from tblstandort</i> |
|----------------|--|

Description

select and filter records from `tblstandort`

Usage

```
kuras_standort(
  where = NULL,
  where_oID = NA,
  where_oName = NA,
  where_oOrt = NA,
  select = NULL,
  select_oID = NA,
  select_oName = NA,
  select_oOrt = NA,
  orderBy = NULL,
  orderBy_oID = NA,
  orderBy_oName = NA,
  orderBy_oOrt = NA,
  db = "KURAS",
  ...
)
```

Arguments

| | |
|----------------------------|---|
| <code>where</code> | WHERE condition |
| <code>where_oID</code> | condition for field <i>oID</i> : Enter a field description here |
| <code>where_oName</code> | condition for field <i>oName</i> : Enter a field description here |
| <code>where_oOrt</code> | condition for field <i>oOrt</i> : Enter a field description here |
| <code>select</code> | fields/expressions to select |
| <code>select_oID</code> | select field <i>oID</i> ? |
| <code>select_oName</code> | select field <i>oName</i> ? |
| <code>select_oOrt</code> | select field <i>oOrt</i> ? |
| <code>orderBy</code> | ORDER BY clause of SQL expression |
| <code>orderBy_oID</code> | order by field <i>oID</i> ? |
| <code>orderBy_oName</code> | order by field <i>oName</i> ? |

| | |
|---------------------------|---|
| <code>orderBy_o0rt</code> | order by field <i>oOrt</i> ? |
| <code>db</code> | name of ODBC data source, default: "KURAS" |
| <code>...</code> | additional arguments passed to <code>kwb.db::selectFromTable</code> |

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