# Create AE table as csv file

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## Contents

## Create AE sample table as CSV file and other files

This script creates the result and codelist for a simple AE table.

```r
require(devtools)

require(foreign)
require(sqldf)

xptdirectory<- tempdir()

fnadae<- system.file("extdata/sample-xpt", "adae.xpt", package="rrdfqbcrnd0")

adae<- read.xport(fnadae)

aesummay.e<- sqldf("select TRTA, SAFFL, '_ALL_' as AESOC, '_ALL_' as AEDECOD, 'count' as procedure, 'qua
aesoc.e<- sqldf("select TRTA, SAFFL, AESOC, '_ALL_' as AEDECOD, 'count' as procedure, 'quantity' as fact
aesocpt.e<- sqldf("select TRTA, SAFFL, AESOC, AEDECOD, 'count' as procedure, 'quantity' as factor, coun

aesummay.n<- sqldf("select TRTA, SAFFL, '_ALL_' as AESOC, '_ALL_' as AEDECOD, 'countdistinct' as procedu
aesoc.n<- sqldf("select TRTA, SAFFL, AESOC, '_ALL_' as AEDECOD, 'countdistinct' as procedure, 'USUBJID'
aesocpt.n<- sqldf("select TRTA, SAFFL, AESOC, AEDECOD, 'countdistinct' as procedure, 'USUBJID' as facto

aetable<- rbind(aesummay.e, aesummay.n, aesoc.e, aesoc.n, aesocpt.e, aesocpt.n )
aetable$unit<- "_NULL_"
aetable$denominator<- "_NULL_"
names(aetable)<- tolower(names(aetable))

aetableFile<- system.file("extdata/sample-cfg", "ae.AR.csv", package="rrdfqbcrnd0")
write.csv(aetable, file=aetableFile,row.names=FALSE)

recode.aesoc.list<- sqldf("select distinct AESOC from adae", stringsAsFactors=FALSE)
names(recode.aesoc.list)<- tolower(names(recode.aesoc.list))
recode.aesoc.list<- rbind(recode.aesoc.list, data.frame(aesoc="_ALL_"))
for (i in 1:nrow(recode.aesoc.list)) { recode.aesoc.list[i,"recodeto"]<- encodetouri(as.character(recode
aesocFile<- system.file("extdata/sample-cfg", "ae.aesoc.AR.csv", package="rrdfqbcrnd0")
write.csv(recode.aesoc.list, file=aesocFile, row.names=FALSE)

recode.aedecod.list<- sqldf("select distinct AEDECOD from adae", stringsAsFactors=FALSE )
names(recode.aedecod.list)<- tolower(names(recode.aedecod.list))
```

```
recode.aedecod.list<- rbind(recode.aedecod.list, data.frame(aedecod="_ALL_"))
for (i in 1:nrow(recode.aedecod.list)) { recode.aedecod.list[i,"recodeto"]<- encodetouri(as.character(r

aedecodFile<- system.file("extdata/sample-cfg", "ae.aedecod.AR.csv", package="rrdfqbcrnd0")
write.csv(recode.aedecod.list, file=aedecodFile, row.names=FALSE)
```