

# Package ‘conquestr’

March 8, 2019

**Type** Package

**Title** An R Front End for 'ACER ConQuest'

**Version** 0.3.7

**URL** <https://www.acer.org/au/conquest>,  
<https://conquest-forums.acer.edu.au>,  
<https://shop.acer.edu.au/acer-conquest-4>

**Description** Extends 'ACER ConQuest' by allowing R users to call 'ACER ConQuest' from within R. The user can also access 'ACER ConQuest' data objects by reading 'ACER ConQuest' System Files (generated by the 'ACER ConQuest' command 'put'). This is of particular use to those who are parsing text file output (e.g., 'show' files) as this is not consistent across releases of 'ACER ConQuest'. Requires 'ACER ConQuest' version 4.29.3 or later. A demonstration version can be downloaded from <<https://shop.acer.edu.au/acer-conquest-4>>.

**License** GPL-3

**Encoding** UTF-8

**LazyData** true

**Imports**

**SystemRequirements** ACER ConQuest (>=4.30.2)

**Suggests** dplyr, knitr, rmarkdown

**Collate** 'ReadConQuestLibrary.R' 'ReadConQuestState.R'  
'conquestrFunc.R' 'conquestr.R'

**VignetteBuilder** knitr

**RoxygenNote** 6.1.1

**NeedsCompilation** no

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**Repository** CRAN

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ConQuestCall	<i>ConQuestCall</i>
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### Description

Call 'ACER ConQuest' and run a control file.

### Usage

```
ConQuestCall(cqInstallLocation, cq)
```

### Arguments

cqInstallLocation	The location of the 'ACER ConQuest' executable.
cq	The locaiton of the control file to be run.

### Value

prints 'ACER ConQuest' output to stdout.

### Examples

```
## Not run:
ConQuestCall(cqInstallLocation = file.path("/Applications", "ConQuest BETA", "ConQuest"))

## End(Not run)
```

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ConQuestSys	<i>ConQuestSys</i>
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### Description

Read an "ACER ConQuest" system file created by a 'put' command in 'ACER ConQuest'. The system file must not be compressed. Use the option 'compressed=no' in the put command within 'ACER ConQuest'.

### Usage

```
ConQuestSys(myCqs)
```

**Arguments**

myCqs                    The location of an uncompressed 'ACER ConQuest' system file created by 'ACER ConQuest' > 4.30.2.

**Value**

A list containing the data objects created by 'ACER ConQuest'.

**Examples**

```
mySysData<- ConQuestSys()  
myEx1SysData<- ConQuestSys(myCqs = system.file("extdata", "Ex1.cqs", package = "conquestr"))  
## Not run:  
# if you run the above example this will return your original 'ACER ConQuest' syntax.  
cat(unlist(myEx1SysData$gCommandHistory))  
  
## End(Not run)
```

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ReadSys

*ReadSys*

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**Description**

Internal function to read an 'ACER ConQuest' system file. Called by `conquestr::ConQuestSys`.

**Usage**

```
ReadSys(myFile)
```

**Arguments**

myFile                    An 'ACER ConQuest' system file created by the 'put' command in 'ACER ConQuest'. The put command must use the option 'compressed = no'.

**Value**

A list containing the data objects created by 'ACER ConQuest'.

**See Also**

`conquestr::ConQuestSys()`

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