

```

github("rcfgroup/clinconcept")
helpmethodsareprovided.Werecommendusingtherccfromfileorrccfromhomefunctions.Theformerloadsoption
ab.sqlite"
functionsalsorequireaconceptdictionarytype.CurrentlysupportedareNHSReadV2,NHSReadV3,NHSICD10andNH
from_home("NHSReadV3","readv3.cfg")
from_file("NHSReadV3","/home/user/readv3.cfg")
from_list("NHSReadV3",list(type="sqlite",name="/path/to/readv3ab.sqlite"))
conceptables(dict,'/home/user/READV3')
concepts(dict,term=="Asthma")
concepts(dict,term=="Asthma"(!term=="Eosinophilicasthma"))
case_sensitivity(dict)
concepts(dict,read_code=="H3...")
concepts(dict,read_code
concepts(dict,read_codesearch_concepts(dict,read_code=="H3..."|read_code=="H31..")
case_sensitivity(dict)
conceptsfunctionisspecifiedthroughtheoutputargument.Thedefaultisadplyrtbodyobjectwhichcanbefurtherprocessed
concepts(dict,term
code_term < chr >< chr > 1H3122Acuteexacerbationofchronicobstructiveairwaysdisease2H3y..Otherspecifiedch
concepts(dict,term
concepts(dict,term
concepts(dict,read_code=="H3...",output="terms")
concepts(dict,read_code=="H3...",include_synonyms=T,output="terms")
conceptsfunctionallowslinearsearches,butdoesnottakeintoaccounttherelationshipbetweencodes.Toachievethisclin
child_codes(dict,"H3...")[1]"H3122""H312z""H3y..""H3y0.""H3z..""H4641""Hyu31""X101i""X101l"[10]"X101m
child_codes(dict,"H3...",immediate_children=T)[1]"H3122""H312z""H3y..""H3z..""Hyu31""X101l""XaEIV""X
parent_codes(dict,"H32..")[1]".....""H....""X0003""XaBVJ"
parent_codes(dict,"H32..",immediate_parents=T)[1]"H...."
ancestors <-get_parent_codes(dict,"H32..")>search_concepts(dict,read_code
code_termterm_30term_60term_198term_id < chr >< chr >< chr >< lgl >< lgl >< chr > 1.....ReadthesaurusReadth
from_home("TESTCONCEPT","/path/to/dictconfig.json")
$
table_name.TESTCONCEPT <-function(dict)"test_concept"get_table_code_field.TESTCONCEPT <-function
Development
PLOS ONE11
Methods of information in medicine34http://www.ncbi.nlm.nih.gov/pubmed/9082130
R: A Language and Environment for Statistical Computinghttps://www.R-project.org/
Classification of Diseases (ICD)http://www.who.int/classifications/icd/en/

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