> #see how often captain and nemo are within 2 words of each other

> hits <- tc$search\_features('"captain nemo"~2')

created index for "token" column

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...to you but <Captain> <Nemo>; and you..." "...? \" replied <Captain> <Nemo>. \" Did..."

[3] "...? \" answered <Captain> <Nemo>, slightly shrugging..." "...\" quietly answered <Captain> <Nemo>, \" they..."

[5] "...been mortal if <Captain> <Nemo> had discharged into..."

> #same but for nautilus and ship within 5 words

> hits <- tc$search\_features('"nautilus ship"~5')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...idea, the <Nautilus> would attack the <ship> at her waterline..."

> #same but for nautilus and ship within 5 words

> hits <- tc$search\_features('"nautilus boat"~5')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...Commander! your <Nautilus> is certainly a marvellous <boat>. \" \"..."

[2] "...not suit a <boat> like the <Nautilus>. \" \"..."

[3] "...past eight the <Nautilus> <boat> ran softly aground..."

[4] "...placed in the <boat> before leaving the <Nautilus>. Then,..."

[5] "...in that light <boat> of the <Nautilus> does not frighten..."

> #can we figure out if nemo dies

> hits <- tc$search\_features('"nemo dead"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...Where was Captain <Nemo>? Had he [...] Were his companions <dead> with him?..."

> #can we figure out if nemo dies

> hits <- tc$search\_features('"nautilus s?nk\*"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...weight required to <sink> the <Nautilus>, I had..."

[2] "...horizon, the <Nautilus> <sank> to between twenty..."

[3] "..., and the <Nautilus> <sank> slowly beneath the..."

[4] "...reservoirs. The <Nautilus> began to <sink>, following a..."

[5] "...if necessary, <sink> this cursed <Nautilus>. \" \"..."

> #does the nemo die

> hits <- tc$search\_features('"nemo die"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...an invention should <die> with its inventor! \" Captain <Nemo> did not reply..."

> #does the nemo die

> hits <- tc$search\_features('"nemo kill\*"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

Error in `$<-.data.frame`(`\*tmp\*`, "is\_kw", value = logical(0)) :

replacement has 0 rows, data has 7

> head(kwic$kwic, 5)

[1] "...an invention should <die> with its inventor! \" Captain <Nemo> did not reply..."

> #does the nemo die

> hits <- tc$search\_features('"nemo kill\*"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

Error in `$<-.data.frame`(`\*tmp\*`, "is\_kw", value = logical(0)) :

replacement has 0 rows, data has 7

> #does the nemo die

> hits <- tc$search\_features('"nemo gone"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...steps. Captain <Nemo> was there. He had not <gone> to rest...."

> #does the nemo die

> hits <- tc$search\_features('"nemo dead"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...Where was Captain <Nemo>? Had he [...] Were his companions <dead> with him?..."

> #does the nemo die

> hits <- tc$search\_features('"nemo s?nk\*"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...the sun seemed <sinking> towards the horizon. Captain <Nemo> had already risen..."

[2] "...Spanish Government had <sunk>. Here Captain <Nemo> came, according..."

> #print top 20 features

> topfeatures(dtm, 20)

captain nautilus sea nemo one said ned water us conseil land like two day

638 519 386 378 359 333 321 311 297 282 271 218 211 194

sir time long see go surfac

194 179 177 173 161 146

> #is the nautilus a sub

> hits <- tc$search\_features('"nautilus sub\*"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...thought that the <Nautilus> was about to return to its <submarine> navigation. I..."

[2] "...light. The <Nautilus> remained motionless, [...] of its screw <subdued> by the inclination..."

[3] "...never so deeply <submerged> as to cause [...] break. The <Nautilus> followed it to..."

[4] "...companions within the <Nautilus>, but a [...] either monstrous or <sublime>, which time..."

[5] "...thought that the <Nautilus> was about to continue its <submarine> excursion, and..."

> #try to see if nautilus actually sinks

> hits <- tc$search\_features('"nautilus destroy\*"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

Error in `$<-.data.frame`(`\*tmp\*`, "is\_kw", value = logical(0)) :

replacement has 0 rows, data has 7

> head(kwic$kwic, 5)

[1] "...thought that the <Nautilus> was about to return to its <submarine> navigation. I..."

[2] "...light. The <Nautilus> remained motionless, [...] of its screw <subdued> by the inclination..."

[3] "...never so deeply <submerged> as to cause [...] break. The <Nautilus> followed it to..."

[4] "...companions within the <Nautilus>, but a [...] either monstrous or <sublime>, which time..."

[5] "...thought that the <Nautilus> was about to continue its <submarine> excursion, and..."

> #try to see if nautilus actually sinks

> hits <- tc$search\_features('"nautilus wreck\*"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

Error in `$<-.data.frame`(`\*tmp\*`, "is\_kw", value = logical(0)) :

replacement has 0 rows, data has 7

> #try to see if nautilus actually sinks

> hits <- tc$search\_features('"nautilus gone"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] ".... Had the <Nautilus> quitted the surface [...]? Had it <gone> back to the..."

[2] "...future? The <Nautilus>, leaving the [...] Gibraltar, had <gone> far out...."

[3] "...Now if the <Nautilus>, on leaving [...] Gibraltar, had <gone> to the south..."

[4] "...sea, the <Nautilus> could not have <gone> through it...."

[5] "...was when the <Nautilus> had <gone> under the waves..."

> #try to see if nautilus actually sinks

> hits <- tc$search\_features('"nautilus attack\*"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...shore, the <Nautilus> will have nothing [...] fear from their <attacks>. \" The..."

[2] "...light to the <Nautilus>, still protected her from outward <attack>, and transformed..."

[3] "...do to the <Nautilus>? Can it <attack> it beneath the..."

[4] "...I thought the <Nautilus> was preparing for <attack>; but Captain..."

[5] "...idea, the <Nautilus> would <attack> the ship at..."

> #try to see if nautilus actually sinks

> hits <- tc$search\_features('"nautilus breach\*"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

Error in `$<-.data.frame`(`\*tmp\*`, "is\_kw", value = logical(0)) :

replacement has 0 rows, data has 7

> #try to see if nautilus actually sinks

> hits <- tc$search\_features('"nautilus hull"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...part of the <hull> of the <Nautilus>, and occupies..."

[2] "...made in the <hull> of the <Nautilus>, that corresponds..."

[3] "...raised about the <hull> of the <Nautilus>, and furnished..."

[4] "...shells. The <hull> of the <Nautilus>, resembling a..."

[5] "...pressure, the <hull> of the <Nautilus> quivered like a..."

> #try to see if nautilus actually sinks

> hits <- tc$search\_features('"nautilus hole"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...a man - <hole> made in the hull of the <Nautilus>, that corresponds..."

> #try to see if nautilus actually sinks

> hits <- tc$search\_features('"hull hole"~10')

> kwic <- tc$kwic(hits, ntokens = 3)

> head(kwic$kwic, 5)

[1] "...a man - <hole> made in the <hull> of the Nautilus..."