

# Package ‘N2H4’

October 12, 2022

**Type** Package

**Title** Handling Methods for Naver News Text Crawling

**Version** 0.8.2

**Description** Provides some functions to get Korean text sample from news articles in Naver which is popular news portal service <<https://news.naver.com/>> in Korea.

**License** MIT + file LICENSE

**URL** <https://github.com/forkonlp/N2H4>

**BugReports** <https://github.com/forkonlp/N2H4/issues>

**RoxygenNote** 7.2.1

**Depends** R (>= 3.5.0)

**Encoding** UTF-8

**Suggests** testthat, devtools, usethis

**Imports** rvest, jsonlite, tibble, purrr, httr2, magrittr

**NeedsCompilation** no

**Author** Chanyub Park [aut, cre] (<<https://orcid.org/0000-0001-6474-2570>>)

**Maintainer** Chanyub Park <[mrchypark@gmail.com](mailto:mrchypark@gmail.com)>

**Repository** CRAN

**Date/Publication** 2022-09-15 09:20:02 UTC

## R topics documented:

getAllComment . . . . .	2
getAllCommentHistory . . . . .	2
getCategory . . . . .	3
getComment . . . . .	3
getCommentHistory . . . . .	4
getContent . . . . .	5
getMainCategory . . . . .	5
getMaxPageNum . . . . .	6
getSubCategory . . . . .	6
getUrlList . . . . .	7

**Index****8**


---

getAllComment	<i>Get All Comment</i>
---------------	------------------------

---

**Description**

Get all comments from the provided news article url on naver

**Usage**

```
getAllComment(turl)
```

**Arguments**

turl	character. News article on 'Naver' such as <https://n.news.naver.com/mnews/article/023/0003712918>. News article url that is not on Naver.com domain will generate an error.
------	--

**Details**

Works just like getComment, but this function executed in a fashion where it finds and extracts all comments from the given url.

**Value**

a [tibble][tibble::tibble-package]

**Examples**

```
## Not run:
  getAllComment("https://n.news.naver.com/mnews/article/214/0001195110")
## End(Not run)
```

---

getAllCommentHistory	<i>Get All Comment History</i>
----------------------	--------------------------------

---

**Description**

Get All Comment History

**Usage**

```
getAllCommentHistory(turl, commentNo)
```

**Arguments**

turl            character. News article on 'Naver' such as <https://n.news.naver.com/mnews/article/001/0009205077?sid=103>. News article url that is not on Naver.com domain will generate an error.

commentNo      Parent Comment No.

**Value**

a [tibble][[tibble::tibble-package]

**Examples**

```
## Not run:
  getAllComment("https://n.news.naver.com/mnews/article/214/0001195110?sid=103")
## End(Not run)
```

---

getCategory	<i>News Category</i>
-------------	----------------------

---

**Description**

News Category

**Usage**

```
getCategory(fresh = FALSE)
```

**Arguments**

fresh            get data from online. Default is FALSE using cached built-in data.

---

getComment	<i>Get Comment</i>
------------	--------------------

---

**Description**

Get naver news comments. if you want to get data only comment, enter command like below.  
 getComment(url)\$result\$commentList[[1]]

**Usage**

```
getComment(turl, count = 10, type = c("df", "list"))
```

**Arguments**

url            like <https://n.news.naver.com/mnews/article/023/0003712918>.  
 count        is a number of comments. Default is 10. "all" works to get all comments.  
 type         type return df or list. Default is df. df return part of data not all.

**Value**

a [tibble][tibble::tibble-package]

**Examples**

```
## Not run:
  getComment("https://n.news.naver.com/mnews/article/421/0002484966?sid=100")

## End(Not run)
```

---

getCommentHistory      *Get Comment History*

---

**Description**

Get naver news comments on user histories.

**Usage**

```
getCommentHistory(url, commentNo, count = 10, type = c("df", "list"))
```

**Arguments**

url            character. News article on 'Naver' such as <https://n.news.naver.com/mnews/article/001/0009205077?sid=100>. News article url that is not on Naver.com domain will generate an error.  
 commentNo    Parent Comment No.  
 count        is a number of comments. Default is 10. "all" works to get all comments.  
 type         type return df or list. Default is df. df return part of data not all.

**Value**

a [tibble][tibble::tibble-package]

**Examples**

```
## Not run:
  cno <- getComment("https://n.news.naver.com/mnews/article/421/0002484966?sid=100")
  getCommentHistory("https://n.news.naver.com/mnews/article/421/0002484966?sid=100",
    cno$commentNo[1])

## End(Not run)
```

---

getContent	<i>Get Content</i>
------------	--------------------

---

**Description**

Get naver news content from links.

**Usage**

```
getContent(  
  turl,  
  col = c("url", "original_url", "section", "datetime", "edittime", "press", "title",  
         "body", "value")  
)
```

**Arguments**

turl            is naver news link.  
col            is what you want to get from news. Default is all.

**Value**

a [tibble][tibble::tibble-package]

**Examples**

```
## Not run:  
getContent("https://n.news.naver.com/mnews/article/214/0001195110?sid=103")  
  
## End(Not run)
```

---

getMainCategory	<i>Get News Main Categories</i>
-----------------	---------------------------------

---

**Description**

Get naver news main category names and ids recently.

**Usage**

```
getMainCategory()
```

**Value**

a [tibble][tibble::tibble-package]

**Examples**

```
## Not run:
  getMainCategory()

## End(Not run)
```

---

getMaxPageNum	<i>Get Max Page Number</i>
---------------	----------------------------

---

**Description**

Get Max Page Number

**Usage**

```
getMaxPageNum(turl, max = 100)
```

**Arguments**

turl	is target url include sid1, sid2, date like below. <http://news.naver.com/main/list.nhn?sid2=265&sid1=100>
max	is also interval to try max page number is numeric. Default is 100.

**Value**

Get numeric

**Examples**

```
## Not run:
  getMaxPageNum("https://news.naver.com/main/list.naver?mode=LS2D&mid=shm&sid1=103&sid2=376")

## End(Not run)
```

---

getSubCategory	<i>Get News Sub Categories</i>
----------------	--------------------------------

---

**Description**

Get naver news sub category names and urls recently.

**Usage**

```
getSubCategory(sid1 = 100)
```

**Arguments**

sid1                    Main category id in naver news url. Only 1 value is possible. Default is 100 means Politics.

**Value**

a [tibble][tibble::tibble-package]

**Examples**

```
## Not run:  
getSubCategory(100)  
getSubCategory(100, FALSE)  
  
## End(Not run)
```

---

getUrlList	<i>Get Url List By Category</i>
------------	---------------------------------

---

**Description**

Get naver news titles and links from target url.

**Usage**

```
getUrlList(turl, col = c("titles", "links"))
```

**Arguments**

turl                    is target url naver news.  
col                    is what you want to get from news. Default is all.

**Value**

a [tibble][tibble::tibble-package]

**Examples**

```
## Not run:  
getUrlList("https://news.naver.com/main/list.naver?mode=LS2D&mid=shm&sid1=103&sid2=376")  
  
## End(Not run)
```

# Index

[getAllComment](#), 2  
[getAllCommentHistory](#), 2  
[getCategory](#), 3  
[getComment](#), 3  
[getCommentHistory](#), 4  
[getContent](#), 5  
[getMainCategory](#), 5  
[getMaxPageNum](#), 6  
[getSubCategory](#), 6  
[getUrlList](#), 7