

# Package ‘rchie’

May 8, 2019

**Type** Package

**Title** A Parser for 'ArchieML'

**Version** 1.0.2

**Description** Parses the 'ArchieML' format from the New York Times <<http://archieml.org>>. Also provides utilities for retrieving Google Drive documents for parsing.

**License** Apache License (>= 2.0)

**URL** <https://github.com/noamross/rchie>,  
<https://github.com/newsdev/archieml-js>

**BugReports** <https://github.com/noamross/rchie/issues>

**Encoding** UTF-8

**Imports** V8, jsonlite

**Suggests** testthat, covr, googledrive, curl, httpuv

**SystemRequirements** V8 <= 3.15: libv8-3.14-dev (deb), v8-314-devel (rpm), v8-3.14 (arch), v8@3.15 (homebrew)

**LazyData** TRUE

**RoxygenNote** 6.1.1

**NeedsCompilation** no

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**Repository** CRAN

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rchie-package	<i>A wrapper for the archieml-js</i>
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## Description

### Details

**rchie** parses **ArchieML** markup using the **archieml-js** library. The primary function is **from\_aml**. See the **README** for details.

```
Package:  rchie
Type:    Package
Version:  1.0.0
Date:    2018-11-17
```

### Author(s)

Noam Ross

### References

<http://archieml.org/>

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aml_to_json	<i>Convert AML to JSON</i>
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## Description

This imports data from New York Times' ArchieML format as a JSON sting. Text is parsed to JSON using **archieml-js**.

### Usage

```
aml_to_json(aml, pretty = FALSE, indent = 4)
```

### Arguments

aml	a string, file, connection, URL, or Google Drive ID created by <b>googledrive::as_id</b> from which to read ArchieML. Inputs of length > 1, with line breaks, or non-existent filenames will always be treated as raw ArchieML. To read multiple ArchieML inputs use a function such as <b>lapply</b> .
pretty	prettyfy JSON output?
indent	if prettyfying, what indent level? Passed to <b>prettyfy</b> .

**Value**

A length-1 character vector of class "json"

**References**

<http://archieml.org/>

**See Also**

[from\\_aml](#)

**Examples**

```
aml_to_json(aml = "key: value")
aml_to_json("http://archieml.org/test/1.0/arrays.1.aml")

## Not run:
# See source at:
# https://drive.google.com/open?id=1oYHXxvzscBBSBhd6xg5ckUEZo3tLytk9zY0VV_Y7SGs
library(googledrive)
aml_to_json(as_id("1oYHXxvzscBBSBhd6xg5ckUEZo3tLytk9zY0VV_Y7SGs"),
  pretty = TRUE)

## End(Not run)
```

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from\_aml

*Import ArchieML data from a string, file, or URL*

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**Description**

This imports data from New York Times' ArchieML format as an R object. Text is parsed to JSON using [archieml-js](#), then imported via [jsonlite::fromJSON](#).

**Usage**

```
from_aml(aml, simplifyVector = FALSE,
  simplifyDataFrame = simplifyVector, simplifyMatrix = simplifyVector,
  flatten = FALSE, ...)
```

**Arguments**

**aml** a string, file, connection, URL, or Google Drive ID created by [googledrive::as\\_id](#) from which to read ArchieML. Inputs of length > 1, with line breaks, or non-existent file names will always be treated as raw ArchieML. To read multiple ArchieML inputs use a function such as [lapply](#).

simplifyVector, simplifyDataFrame, simplifyMatrix, flatten  
passed to [fromJSON](#) to determine how the JSON generated from is parsed. If  
raw JSON outputs are desired use [aml\\_to\\_json](#)  
... further arguments to be passed to [jsonlite::fromJSON](#), for class-specific print  
methods

### Details

This function was formerly named `from_archie`, which is now deprecated.

### Value

A list of class "from\_aml"

### References

<http://archieml.org/>

### See Also

[aml\\_to\\_json](#)

### Examples

```
from_aml(aml = "key: value")
from_aml("http://archieml.org/test/1.0/arrays.1.aml")

## Not run:
# See source at:
# https://drive.google.com/open?id=1oYHXxvzscBBSBhd6xg5ckUEZo3tLytk9zY0VV_Y7SGs
library(googledrive)
from_aml(as_id("1oYHXxvzscBBSBhd6xg5ckUEZo3tLytk9zY0VV_Y7SGs"))

## End(Not run)
```

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