# ToolTime: The Chronicling America API

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### CHRONICLING AMERICA Historic American Newspapers

Search America's historic newspaper pages from 1789-1963 or use the U.S. Newspaper Directory to find information about American newspapers published between 1690-present. Chronicling America is sponsored jointly by the <u>National Endowment for the Humanities</u> and the Library of Congress. <u>Learn</u> more »

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Pages Available: 13,916,888



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   About the Site and API
- Recommended Topics
- Help

#### More Resources

- National Digital Newspaper Program
- > NDNP Award Recipients
- Newspaper and Current Periodicals Reading Room
- Ask LC Newspaper & Current Periodicals Librarian
- ➤ Historic Newspapers on Flickr 

  (part of the LC Flickr Commons photostream)
- <u>Beyond Words</u> (Help find pictures in historic newspapers!)

#### About the Site and API

#### Introduction

Chronicling America provides access to information about historic newspapers and select digitized newspaper pages. To encourage a wide range of potential uses, we designed several different views of the data we provide, all of which are publicly visible. Each uses common Web protocols, and access is not restricted in any way. You do not need to apply for a special key to use them. Together they make up an extensive application programming interface (API) which you can use to explore all of our data in many ways.

Details about these interfaces are below. In case you want to dive right in, though, we use HTML link conventions to advertise the availability of these views. If you are a software developer or researcher or anyone else who might be interested in programmatic access to the data in Chronicling America, we encourage you to look around the site, "view source" often, and follow where the different links take you to get started. When describing Chronicling America as the source of content, please use the URL and a Web site citation, such as "from the Library of Congress, Chronicling America: Historic American Newspapers site".

For more information about the open source Chronicling America software please see the <u>LibraryOfCongress/chronam</u> GitHub site. Also, please consider subscribing to the <u>ChronAm-Users</u> discussion list if you want to discuss how to use or extend the software or data from its APIs.

If you're interested in other data and machine-usable interfaces available from the Library of Congress, you might find the LC for Robots page helpful at https://labs.loc.gov/lc-for-robots/++

#### The API

#### Jump to:

- Search the newspaper directory and digitized page contents using OpenSearch.
- Auto Suggest API for looking up newspaper titles
- Link using our stable URL pattern for Chronicling America resources.
- JSON views of Chronicling America resources.
- Linked Data views of Chronicling American resources.
- Bulk Data for research and external services.
- CORS and JSONP support for your JavaScript applications.



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THE DEARBORN PUBLISHING CO.
Dearborn, Michigan
HENRY FORD. President.
C. J. FORD. Vice President.
E. B. FORD. Secretary Treasurer.
Y. T CAMERON. Editor.
Twenty-first Year, Number M, May 28, 1921.
The subscription price in the United States", its dependencies.
Tuba. Mexico and Canada is 11.50 a year, payable in I 5,
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the following:
1. Notify us at least two weeks in advance.
2. Give both old and new address.
Write clearly.
Memorial Day
THERE can be no doubt that the World War has
vastly deepened the significance of our annual ob
servance of the day consecrated to the memory of those
who laid down their lives that the nation might live.
For one thing, the simultaneous celebration of the day
cn either side of the ocean, in France as in America and
```

wherever the warriors of the republic have found their last resting places, brings to us a broadened compre hension of the meaning of American nationality. It is something more than the boastfulness of any petty men

day, we realize vividly that the American name must be

identified with the cause of human freedom, the cause of justice, everywhere. Throwing ourselves into the war to preserve Europe and the world from the menace of Prussian militarism, we showed a generous readiness

'America is another name for Destiny," said Burke in a prophetic outburst more than a century ago. To

tal provincialism.

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      "startIndex": 1,
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      "items": [
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            "Michigan--Periodicals.",
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            "Available on microfilm from the Auburn University Libraries.",
            "Description based on: Vol. 7, no. 27 (Jan 31, 1908).",
            "Includes editorial page by Henry Ford.",
34
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### Application Protocol Interface (API)

"In computer programming, an **application programming interface** (**API**) is a set of routines, protocols, and tools for building software applications. An API expresses a software component in terms of its operations, inputs, outputs, and underlying types."

"In addition to accessing databases or computer hardware, such as hard disk drives or video cards, an API can ease the work of programming GUI components...An API can also assist otherwise distinct applications with sharing data, which can help to integrate and enhance the functionalities of the applications."

"APIs often come in the form of a library that includes specifications for routines, data structures, object classes, and variables. In other cases, notably SOAP and REST services, an API is simply a specification of remote calls exposed to the API consumers."

### Application Protocol Interface (API)



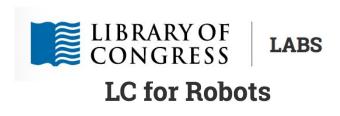
Provides a structure and a language for your robot to talk to someone else's robot.

### Potential APIs for Research



## The Washington Post















### Today:

Go to

github.com/brandontlocke/chronam-api-lesson