

# Utah Digital Newspapers: The Past, Present, and Future

Mountain West Digital Library Conference  
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@UtahDigNews

<http://digitalnewspapers.org/>

# The Past of UDN

2001

Launched  
CONTENTdm

**CONTENTdm Browse Collection** Home Browse Search My Favorites Help

Please select the collection you wish to browse: American Westward Migration

Click on a thumbnail to view the full-sized item and text description:

1. B.W.B. Smith a; front cov	2. B.W.B. Smith b; inside fr	3. B.W.B. Smith page 001	4. B.W.B. Smith page 002	5. B.W.B. Smith page 003
6. B.W.B. Smith page 004	7. B.W.B. Smith page 005	8. B.W.B. Smith page 006	9. B.W.B. Smith page 007	10. B.W.B. Smith page 008
11. B.W.B. Smith page 009	12. B.W.B. Smith page 010	13. B.W.B. Smith page 011	14. B.W.B. Smith page 012	15. B.W.B. Smith page 013

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# The Past of UDN

2002

Launched Utah  
Digital Newspapers

<https://digitalnewspapers.org/>



# The Past of UDN

2003

UDN receives IMLS  
NLG grant



# The Past of UDN

2010

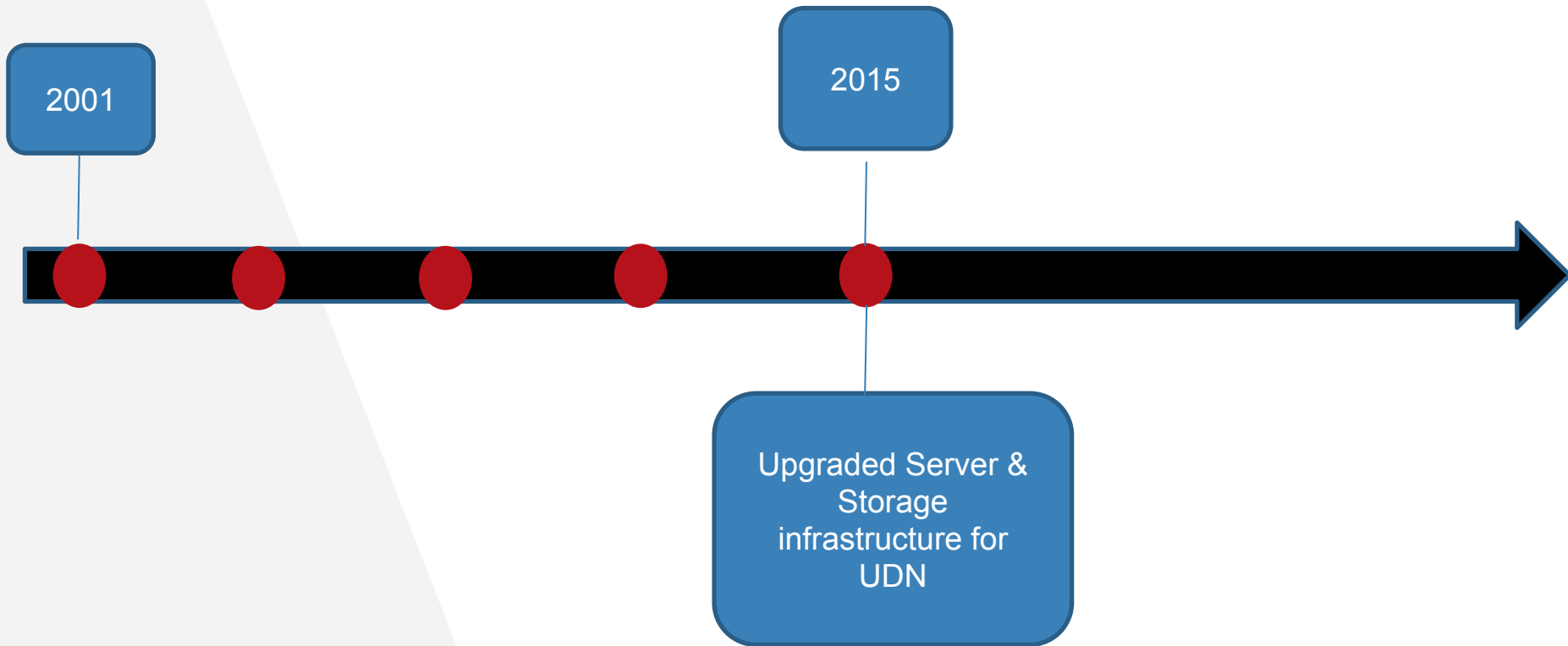
UDN reaches 1 Million pages milestone



Salt Lake Herald Republican  
September 19, 1916



# The Past of UDN



# The Past of UDN

2001

2016

The screenshot shows the Utah Digital Newspapers website. At the top, there are navigation links: Home, Latest Issues, About, Help, Contact, and a Login button. Below the navigation is a search bar with a search icon and a link to 'Advanced Search'. The main content area features a filter section on the left with 'Year' (1850 to 2016) and 'Type' (advertisement, article, birth, death, issue, masthead, page, unclassified, wedding) dropdowns. A table of results is displayed with columns for Paper, Date, Page, Article Title, and Type. The table shows three entries for 'Deseret News' from 1850-06-15.

Paper	Date	Page	Article Title	Type
<a href="#">Deseret News</a>	1850-06-15			issue
<a href="#">Deseret News</a>	1850-06-15	1	Untitled	unclassified
<a href="#">Deseret News</a>	1850-06-15	1	Motto - "Truth and Liberty"	article

UDN migrated from  
CONTENTdm to  
Solphal (Jan – June)

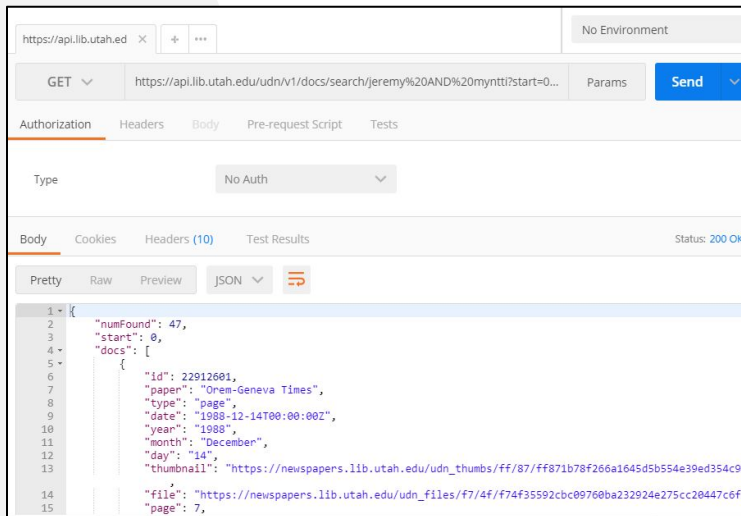
# The Present of UDN

2001

2016

UDN migrated from CONTENTdm to SolPhal (Jan – June)

VPR Grant to develop API for UDN



```
1 - {
2   "numFound": 47,
3   "start": 0,
4   "docs": [
5     {
6       "id": 22912681,
7       "paper": "Orem-Geneva Times",
8       "type": "page",
9       "date": "1988-12-14T00:00:00Z",
10      "year": "1988",
11      "month": "December",
12      "day": "14",
13      "thumbnail": "https://newspapers.lib.utah.edu/udn_thumbs/ff/87/ff871b78f266a1645d5b554e39ed354c96",
14      "file": "https://newspapers.lib.utah.edu/udn_files/f7/4f/f74f35592cbc09760ba232924e275cc28447c6f7",
15      "page": 7,
```

# The Present of UDN



## Application Programming Interface for UDN

Harish Maringanti – Associate Dean of IT & Digital Library Services  
Dhanushka Samarakoon – Assistant Head of Software Development

50 ALL U YEARS NEED



### CHANGING LANDSCAPE

Web interfaces for GLAMs are currently designed for humans. And invariably digital collections end up being silos.

“Collections as data” is gaining traction in the libraries and it will enable research scholars to query historical information in unimaginable ways.

#### TECHNOLOGICAL ADVANCEMENTS

- At the hardware level, computing power and storage is getting cheaper and cheaper.
- At the software level, Artificial Intelligence (AI) and Machine Learning tools are getting easier to use.

### UDN ARCHIVE

- UDN launched in 2002
- UDN Statistics
  - 2.35 Million pages
  - 22.5 Million articles
  - 155 Newspaper titles
  - Average of 3 million Page Views Per Year

At the University of Utah, as a part of our ongoing efforts to leverage technology and enhance the digital collections, we are adding machine-friendly interfaces (API) to the digitized content.

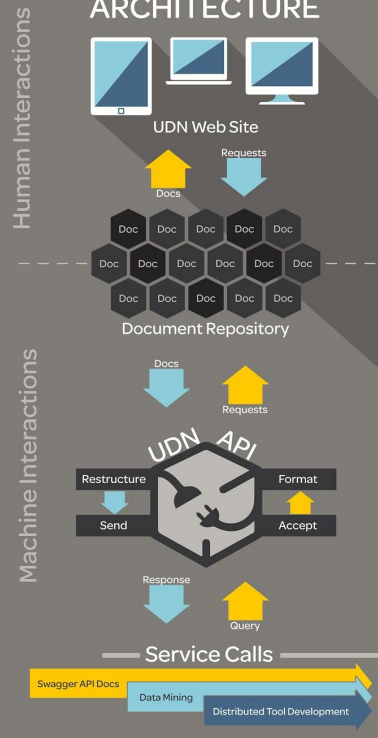
### USE CASES

- Displaying “On this day” feature on the UDN website pulls information via API
- Simplified content access for data mining, and digital humanities research and teaching
- Distributed tool development

### CONCLUSIONS/NEXT STEPS

- Terms of agreement
- Expand API for other digital collections
- Promotion & Outreach

### ARCHITECTURE



### HOW DO YOU SEE IT?



### ACKNOWLEDGEMENTS

Project funded by the Office of VPR, University of Utah  
Jayabrata Chandra, Nathaniel Nelson, Leah Donaldson

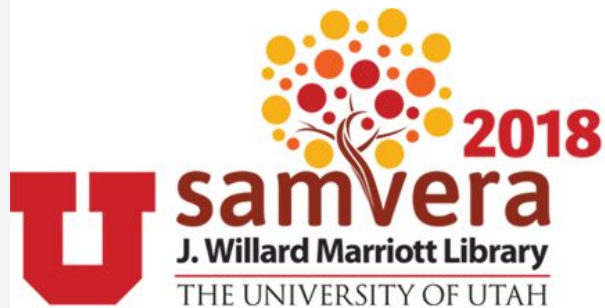
<https://api.lib.utah.edu/docs/>

# The Present of UDN

2001

2017

IMLS Grant ->  
Newspapers in  
Samvera



<http://www.ims.gov/grants/awarded/lg-70-17-0043-17>

# The Present of UDN

2001

2017

CONGRATS TO THE  
UTAH DIGITAL NEWSPAPERS  
FOR DIGITIZING THEIR

**2 MILLIONTH PAGE!**

<https://digitalnewspapers.org/>

ALL U  
NEED  J. Willard Marriott Library  
THE UNIVERSITY OF UTAH



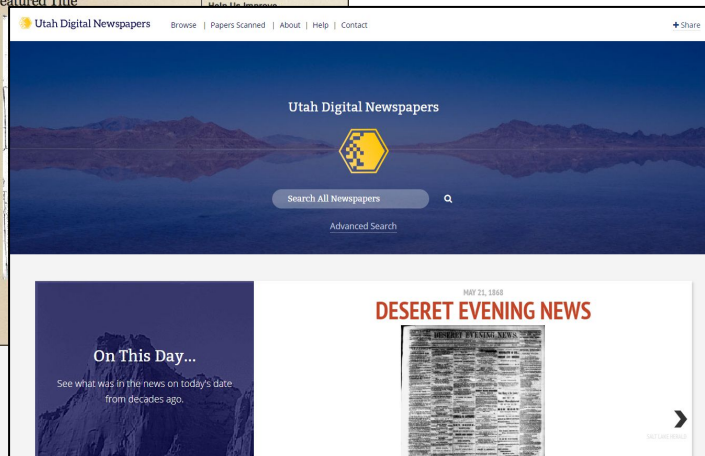
IMLS Grant -> Newspapers in Samvera

UDN reaches 2 Million  
pages

# The Present of UDN

2001

2017



IMLS Grant -> Newspapers in Samvera

UDN reaches 2 Million pages

digitalnewspapers.org  
website redesign

# The Present of UDN

2001

2018



Actively consuming UDN APIs:

1. @UtahDigNews Twitterbot
2. UDN Timeline

# The Present of UDN

- ▶ ~2.5 Million pages
- ▶ ~20.3 Million articles
- ▶ ~160 Newspaper titles
- ▶ Article level newspaper data
- ▶ Many unique papers not in Chronicling America



# The Present of UDN



# The Present of UDN

Emery County  
**Progress**

Lehi Free Press

*the* **Leader**

SERVING THE BEAR RIVER VALLEY SINCE 1914

 The Daily Utah  
**CHRONICLE**  
The University of Utah's Independent Student Voice Since 1890

Daily  Herald


# The Present of UDN

 **Deseret News** July 2, 2018 -- Marriott Library creates digital access to historic Hill Air Force Base newspapers

(<https://www.deseretnews.com/article/900023545/marriott-library-creates-digital-access-to-historic-hill-air-force-base-newspapers.html>)

 **CITY JOURNAL** *MIDVALE* June 28, 2018 -- Where old meets new: how the Midvale Museum digitized city newspapers

(<http://www.midvalejournal.com/2018/06/28/176012/where-old-meets-new-how-the-midvale-museum-digitized-city-newspapers>)

 **PARK RECORD**.com November 17, 2017 -- Decades of Park Record content added to University of Utah online archive

(<https://www.parkrecord.com/news/park-city/decades-of-park-record-content-added-to-university-of-utah-online-archive/>)

**THE DAILY SENTINEL** January 16, 2018 -- Thompson train robbery: The case of inept outlaws

([https://www.gisentinel.com/lifestyle/columns/thompson-train-robbery-the-case-of-inept-outlaws/article\\_49c105cc-f9c2-11e7-96dc-10604b9f7e7c.html](https://www.gisentinel.com/lifestyle/columns/thompson-train-robbery-the-case-of-inept-outlaws/article_49c105cc-f9c2-11e7-96dc-10604b9f7e7c.html))

# The Future of UDN

## New partnership with ancestry

- The largest online newspaper archive
- 8,600+ newspapers from the 1700s–2000s
- Millions of additional pages added every month

Newspapers.com

TOTAL PAGES  
**390,760,656**

Search Browse Papers Clippings

Subscribe Sign-in

Welcome from University of Utah-J Willard Marriott Library



### Headline from Jun 20, 1925

of the fortification  
of guns taken from  
prisoners, impetu-  
ous feet the publi-  
cized in this case  
is to note of a net  
\$50,000,000.  
This yard of con-  
crete was demolished  
in 1914, and about  
explosives used in  
eruption of the in-  
conspicuous by re-  
sulting gun by some  
Creatures That Man  
Is Unable to Tame  
A wolf can be tamed. Even the big  
savage shrike war, if caught young,  
becomes as tame as a dog. But that  
gentle wolf-like animal known as the  
"American devil" refuses to respond to  
treatment. It is always wild and sar-  
gan, and usually dies if kept in cap-  
tivity. It is one of the ugliest crea-  
tures alive. The great cat, such as  
the lion and tiger, can be tamed; so  
can the South African lion and the  
South American puma.

### Recently Added Newspapers

See all →



Helper Journal



The Helper Times



The Tintic Miner



The Daily Utah

### Get Started

HELP  
WANTED

Tutorials & video to help you get started  
using the website. [Start now](#) »

Introduction



# The Future of UDN



**Utah  
Press**  
ASSOCIATION

Title	Date Range	Pages
Ahora Utah	2009-2012	2,128
Beaver County Journal	2010-2015	1,738
Beaver Press	2004-2011	1,547
Blue Mountain Panorama	2004-2015	6,239
Box Elder News Journal	2004-2015	11,606
College Times	2005-2014	4,889
Daily Herald	2004-2015	144,783
Daily Universe (BYU)	2004-2015	20,653
Davis County Clipper	2004-2015	28,850
Davis Standard-Examiner	2004-2015	146,131
Deseret Morning News	2004-2015	284,127
Dixie Sun	2005-2011	1,224
Draper Journal	2007-2014	1,858
Eagle (USU/CEU)	2011	72
El Estandar	2005-2011	9,401
El Sol	2006	24
Emery County Progress	2004-2015	14,381
Emery County Review	2008-2009	829
Enterprise	2004-2014	16,418
Entertainment Journal	2006-2007	72
Eureka Reporter	2004-2011	3,341
Garfield County Insider	2006-2011	2,971
Garfield County News	2004-2005	230
Gunnison Valley Gazette	2002-2015	4,342
Gunnison Valley News	2004-2009	3,510
Herald Journal	2004-2015	103,764
Hilltop Times	2004-2015	8,260
Intermountain Catholic	2004-2012	6,178

# The Future of UDN



## Utah Digital Newspapers



Search All Newspapers



[Advanced Search](#)

<http://digitalnewspapers.org/>  
[@UtahDigNews](#)



**J. Willard Marriott Library**  
THE UNIVERSITY OF UTAH

ALL U  
NEED

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