



# Original Results from Needlebot's Keyword Search Tool

## **Example 6a: Disambiguating ambiguous keywords via similar pages & user profiles**

When an ambiguous keyword, such as “foundation” is used, traditional keyword-based search engines typically display a mixture of relevant and irrelevant hits as shown below

Database: **Internet Subset**

Keywords Searched: **foundation**

1 - high rank: 19 - keyword rank: 1

[Foundation Skateboards](#)

Skateboard manufacturer. Includes recent videos and links to online shops carrying their products.

<http://www.foskco.com/>

more like this [with](#) or [without](#) keywords

2 - high rank: 20 - keyword rank: 2

[Foundation Center - Knowledge to Build On](#)

Foundation Directory Online Professional is top-tier! Gain access to the most comprehensive tool available to grant seekers, and you can receive FDO Update ...

<http://foundationcenter.org/>

more like this [with](#) or [without](#) keywords

3 - high rank: 21 - keyword rank: 3

[Foundation Center - What is a foundation?](#)

A foundation is an entity that is established as a nonprofit corporation or a charitable trust, with a principal purpose of making grants to unrelated ...

<http://foundationcenter.org/getstarted/faqs/html/foundfun.html>

more like this [with](#) or [without](#) keywords

4 - high rank: 22 - keyword rank: 4

[Foundation - Wikipedia, the free encyclopedia](#)

List of wealthiest foundations, an annotated list of the largest foundations and other charitable organizations, organised by country and size of financial ...

<http://en.wikipedia.org/wiki/Foundation>

more like this [with](#) or [without](#) keywords

5 - high rank: 23 - keyword rank: 5

[Foundation series - Wikipedia, the free encyclopedia](#)

The Foundation Series is an epic science fiction series written over a span of forty-four years by Isaac Asimov. It consists of seven volumes that are ...

[http://en.wikipedia.org/wiki/Foundation\\_series](http://en.wikipedia.org/wiki/Foundation_series)

more like this [with](#) or [without](#) keywords

6 - high rank: 17 - keyword rank: 6

[Google.org](#)

The philanthropic arm of the company. Lists its activities.

<http://www.google.org/>

more like this [with](#) or [without](#) keywords

7 - high rank: 24 - keyword rank: 6

[William J. Clinton Foundation](#)

Bill Clinton (42st President: 1993-2001). A showcase of the Clinton Administration's legacy.

<http://www.clintonfoundation.org/>

more like this [with](#) or [without](#) keywords



8 - high rank: 25 - keyword rank: 7

[Welcome to the Ford Foundation](#)

The Ford Foundation is a resource for innovative people and institutions around the world. We were founded to advance human welfare, and all of our work ...

<http://www.fordfound.org/>

more like this [with](#) or [without](#) keywords

9 - high rank: 26 - keyword rank: 8

[The GNOME Foundation](#)

The GNOME Foundation will work to further the goal of the GNOME project: to create a computing platform for use by the general public that is completely ...

<http://foundation.gnome.org/>

more like this [with](#) or [without](#) keywords

Click here for more URL's that contain similar topics to this result

10 - high rank: 27 - keyword rank: 9

[The Mozilla Foundation](#)

The Mozilla Foundation is a non-profit organization that sponsors the Mozilla project and devotes its resources to promoting openness, innovation and ...

<http://www.mozilla.org/foundation/>

more like this [with](#) or [without](#) keywords

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**Note:** When an ambiguous keyword such as “**foundation**” is selected traditional keyword-based search engines typically display a mixture of relevant and irrelevant documents as shown above. **Needlebot's Similar Pages tool (with keywords)** can be used to retrieve relevant results based upon their *conceptual* similarity to a selected document. (See page 26 for Similar Pages with keywords results for hit #9 above).



# Improved Results using Needlebot's Similar Pages Tool (with keywords)

## **Example 6b:** User seeks URL's of foundations that promote free computer resources

Needlebot's Similar Pages tool (with keywords) displayed URL's related to free or open source computing resources at the top of the improved search results list

Database: **Internet Subset**

Keywords Searched: **foundation** – followed by Similar Pages tool (with keywords)

1 - high rank: 1 - keyword rank: 8

[The GNOME Foundation](#)

The GNOME Foundation will work to further the goal of the GNOME project: to create a computing platform for use by the general public that is completely ...

<http://foundation.gnome.org/>

more like this [with](#) or [without](#) keywords

2 - high rank: 2 - keyword rank: 310

[Open Source Applications Foundation - Welcome](#)

An open source PIM intended for use in everyday information and communication tasks, such as composing and reading email, managing an appointment calendar ...

<http://www.osafoundation.org/>

more like this [with](#) or [without](#) keywords

3 - high rank: 3 - keyword rank: 323

[Python Software Foundation](#)

Non-profit organization devoted to advancing open source technology related to the Python programming language. Provides membership information, missions ...

<http://www.python.org/psf/>

more like this [with](#) or [without](#) keywords

4 - high rank: 4 - keyword rank: 148

[About the Eclipse Foundation](#)

The Eclipse Foundation is a not-for-profit, member supported corporation that hosts the Eclipse projects and helps cultivate both an open source community ...

<http://www.eclipse.org/org/>

more like this [with](#) or [without](#) keywords

5 - high rank: 5 - keyword rank: 120

[Markle Foundation](#)

Emerging information and communication technologies possess enormous potential to improve people's lives. The Markle Foundation works to realize this ...

<http://www.markle.org/>

more like this [with](#) or [without](#) keywords

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**Note:** By simply applying **Needlebot's Similar Pages tool (with keywords)** to the hit at position #9 in the original results list, (see page 25), we were able to retrieve highly relevant results related to free/open source computing resources.

If we had selected hit #187, (<http://www.gatesfoundation.org/UnitedStates/Education/>), in the original results list and then applied **Needlebot's Similar Pages tool (with keywords)** we would have retrieved different highly relevant results related to foundations promoting educational resources. (See page 27).



# Improved Results using Needlebot's Similar Pages Tool (with keywords)

## **Example 6c: User seeks URL's of foundations that promote educational resources**

Needlebot's Similar Pages tool (with keywords) displayed URLs related to the promotion of educational resources at the top of the improved search results list

Database: **Internet Subset**

Keywords Searched: **foundation** – followed by Similar Pages tool (with keywords)

1 - high rank: 1 - keyword rank: 186

[Education - Bill & Melinda Gates Foundation](#)

Preparing All Students for College, Career, and Life Every young person in the US needs—and deserves—the chance to attend strong schools.

<http://www.gatesfoundation.org/UnitedStates/Education/>

more like this [with](#) or [without](#) keywords

2 - high rank: 2 - keyword rank: 39

[General Electric : Our Company : GE Foundation](#)

Homepage of GE Foundation with details about the Foundation's history, programs, and initiatives to improve public education in GE communities around the ...

<http://www.ge.com/foundation/index.html>

more like this [with](#) or [without](#) keywords

3 - high rank: 3 - keyword rank: 240

[James Irvine Foundation - Expanding Opportunity for the People of ...](#)

Goal is to expand opportunity for Californians, with grantmaking in education, economic development, civic engagement, and creativity.

<http://www.irvine.org/>

more like this [with](#) or [without](#) keywords

4 - high rank: 4 - keyword rank: 297

[Jack Kent Cooke Foundation](#)

US. Provides information and application materials for grants and scholarships for high school and college students.

<http://www.jackkentcookefoundation.org/>

more like this [with](#) or [without](#) keywords

5 - high rank: 5 - keyword rank: 257

[KnowledgeWorks Foundation - Empowering Communities to Improve ...](#)

Provides funding and leadership for education initiatives throughout Ohio by creating partnerships that will produce measurably better educational results.

<http://www.kwfdn.org/>

more like this [with](#) or [without](#) keywords

6 - high rank: 6 - keyword rank: 226

[The Jackie Robinson Foundation - College Scholarship and ...](#)

Provides comprehensive scholarships and support services to minority students enrolled at institutions of higher education.

<http://www.jackierobinson.org/>

more like this [with](#) or [without](#) keywords

**Note:** By simply applying Needlebot's Similar Pages tool (with keywords) to the hit at position #187 in the original results list, we were able to retrieve highly relevant results related to educational resources.