



# What ISD Can Do For You!

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**TS Lab Liaison**

**August 29, 2006**

# Keeping Current

- **RSS - Really Simple Syndication**
  - An easy way to keep up with news and information that's important to you. (<http://first.gov>)
  - Web feeds providing Web content or summaries of Web content including links to the full versions of the content. ([http://en.wikipedia.org/wiki/RSS %28file format%29](http://en.wikipedia.org/wiki/RSS_%28file_format%29))
    - Homepage RSS Reader Google  
<http://www.google.com/ig?hl=en>
    - RSS Aggregator <http://www.bloglines.com>
    - Firefox Web browser “Live Bookmarks”  
<http://www.mozilla.com/firefox/>

# Keeping Current

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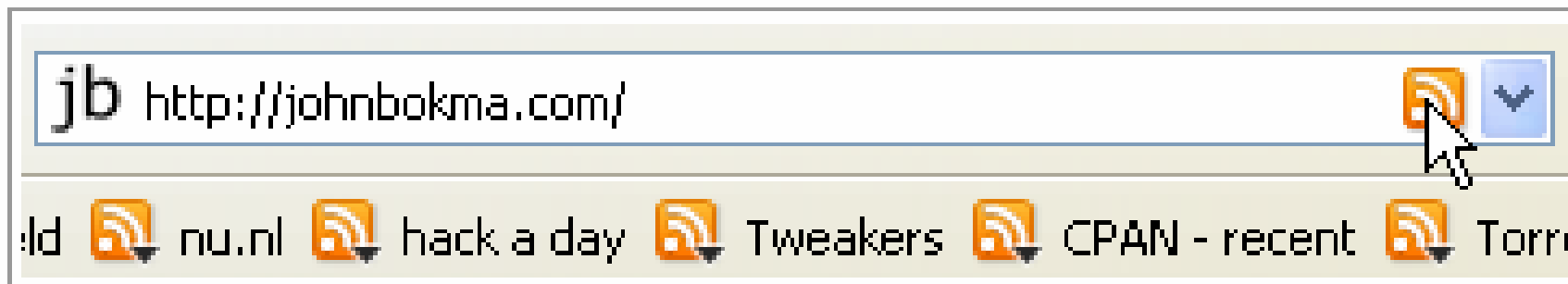
[How to Fix a Scratched CD](#)

[How to Cheat a Polygraph Test \( Lie Detector \)](#)

[How to Spin a Pencil Around Your Middle Finger](#)

# Keeping Current

## Mozilla Firefox



**Subscribing to an RSS feed (Mozilla1.5 and later)**

<http://johnbokma.com/firefox/rss-and-live-bookmarks.html>

# Collaboration

- **Wikis**
  - A Website that allows users to add, delete, or edit all content, very quickly and easily, which makes it an effective collaborative tool. (<http://en.wikipedia.org/wiki/Wiki>)
    - Example – Wikipedia - <http://en.wikipedia.org/wiki/Wiki>
- **Blogs**
  - Web-based publication consisting of periodic articles, most often in reverse chronological order. (<http://en.wikipedia.org/wiki/Blog>)
    - Bulletin Boards
    - Journal or Diary

# Collaboration-Wiki



## navigation

- Main Page
- Community Portal
- Featured articles
- Current events
- Recent changes
- Random article
- Help
- Contact Wikipedia
- Donations

## search

  
 
[article](#)
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Your *continued donations* keep Wikipedia running!

## Wiki

From Wikipedia, the free encyclopedia

*For other uses, see [Wiki \(disambiguation\)](#).*


A **wiki** (IPA: [ˈwɪ.ki:] <WICK-ee> or [ˈwi:.ki:] <WEE-kee><sup>[1]</sup>) is a type of [website](#) that allows users to easily add, remove, or otherwise [edit](#) and change some available content, sometimes without the need for registration. This ease of interaction and operation makes a wiki an effective tool for [collaborative authoring](#). The term **wiki** can also refer to the [collaborative software](#) itself (wiki engine) that facilitates the operation of such a website (see *[wiki software](#)*), or to certain specific wiki sites, including the computer science site (and original wiki), [WikiWikiWeb](#), and the online encyclopedias such as [Wikipedia](#). The first wiki, [WikiWikiWeb](#), is named after the "Wiki Wiki" line of [Chance RT-52](#) buses in [Honolulu International Airport, Hawaii](#). It was created in 1994 and installed on the web in 1995 by [Ward Cunningham](#), who also created the [Portland Pattern Repository](#). "Wiki-wiki" means "*hurry quick*" in Hawaiian. It also refers to a type of native fish of the islands.


### Contents [hide]

- 1 Typical site operations
- 2 Key characteristics
  - 2.1 Pages and editing
    - 2.1.1 A Markup Standard
  - 2.2 Linking and creating pages
  - 2.3 Searching



# Collaboration-Blogs


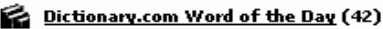


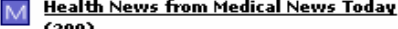
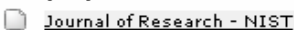

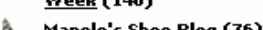


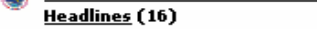

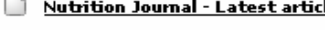



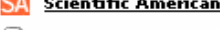
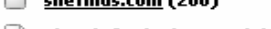
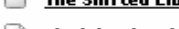
Address  Go



My Feeds My Blog Clippings

Add Edit Options

27 Feeds Mark All Read

Welcome jo\_remshard@yahoo.com

Ask Account Help Log Out

Search for Posts

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4 subscribers related feeds unsubscribe edit subscription

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By Terrence Jach, Alex S. Bakulin, Stephen M. Durbin, Joseph Pedulla, and Albert Macrander on diffraction limit

We describe the distinction between the operation of a short focal length x-ray microscope forming a real image with a laboratory source (convergent illumination) and with a highly collimated intense beam from a synchrotron light source (Köhler illumination). We demonstrate the distinction with a Kirkpatrick-Baez microscope consisting of short focal length multilayer mirrors operating at an energy of 8 keV. In addition to realizing improvements in the resolution of the optics, the synchrotron radiation microscope is not limited to the usual single magnification at a fixed image plane. Higher magnification images are produced by projection in the limit of geometrical optics with a collimated beam. However, in distinction to the common method of placing the sample behind the optical source of a diverging beam, we describe the situation in which the sample is located in the collimated beam before the optical element. The ultimate limits of this magnification result from diffraction by the specimen and are determined by the sample position relative to the focal point of the optic. We present criteria by which the diffraction is minimized.

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# Research and Analysis



- **Research any topic related to your job.**
- **Examples:**
  - **Analyze publishing activities including literature searches, impact factor, and citation analysis**
  - **Biographical and bibliographical details**