

# Wikipedia and Open Source Design

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Angela Beesley  
Wikimedia Foundation

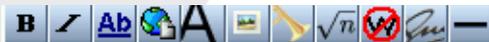
Amsterdam - *A Decade of Webdesign*  
January 21, 2005

Slides and links: <http://www.scireview.de/dow>

# What are wikis?

- First wiki: 1995, c2.com
- Openly editable websites
- Anyone can edit (almost) any page
- Simplified syntax for editing
- User actions are logged and reversible

# Editing a wiki



```
'''Postmodernism''' is a term applied to a variety of artistic, [[Architecture|architectural]], [[Philosophy|philosophical]], and [[cultural movement]]s that are said to arise as the result of, and in reaction to [[modernism]].
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{{Postmodernism}}
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==Introduction==
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The term and its use have a wide variety of different meanings in different disciplines, and the existence of post-modernism as a coherent set of ideas is often debated. The most commonly cited area of disagreement comes from disagreements over what the basis for knowledge and political philosophy should have.

Modernism is usually said to frame itself as the culmination of [[the Enlightenment]]'s quest for an authoritatively-rational [[aesthetics]], [[ethics]], and [[knowledge]]. In contrast postmodernism is usually held to be concerned with how the authority of those would-be-ideals, sometimes called [[metanarrative]]s, are subverted through fragmentation, [[consumerism]], and [[deconstruction]]. This dichotomy is somewhat problematic, since it ignores the strong emphasis on irrationalism and fragmentation within modernism. For this reason postmodernism can equally be seen as a development of aspects of modernism while rejecting others, in particular the emphasis on [[Authenticity (philosophy)|authenticity]]. [[Jean-François Lyotard]] famously described postmodernism as an "incredulity toward metanarratives" (Lyotard, 1984). Postmodernism attacks the notions of monolithic universals and encourages fractured, fluid and multiple perspectives and is marked by an increasing importance in the ideas from the [[Sociology of knowledge]].

Edit summary:

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# Wikipedia – Wikimedia - MediaWiki



**WIKIPEDIA**  
*De vrije encyclopedie*



**WIKIMEDIA**



MediaWi  
ki

# Wikimedia Foundation

- Non-profit organisation
- Funded by donations
- Operates Wikipedia and its sister projects
  - Wiktionary
  - Wikibooks
  - Wikinews
  - Wikisource
  - Wikiquote
  - Wikimedia Commons

# Wikipedia



- Volunteer created encyclopedia
- Started in January 2001
- 8000 articles in the first 8 months
- International
- Neutral point of view
- Freely licensed

# Internationalisation

הרשמה / כניסה לחשבון

מאמר שיחה צפה בדף העריכה גרסאות קודמות

## עמוד ראשי



**ויקיפדיה**  
האנציקלופדיה החופשית  
ניוט

- עמוד ראשי
- שער הקהילה
- שינויים אחרונים
- מאמר אקראי
- עזרה
- תרומה לויקיפדיה

חפש

תיבת כלים

- דפים המקושרים לכאן
- שינויים בדפים
- המקושרים
- דפים מיוחדים

שפות אחרות

- English
- العربية
- Deutsch

### ברוכים הבאים לויקיפדיה!

ויקיפדיה היא מיזם **רב לשוני** לחיבור **אנציקלופדיה** שיתופית, חופשית ומהימנה, שכל אחד/ת יכול/ה לתרום ליצירתה ופיתוחה. ויקיפדיה בעברית החלה את דרכה ב-8 ביולי 2003 וכיום יש בה **13898 ערכים** (נכון ליום שלישי, 18 בינואר 2005).

כדי למצוא ערכים המעניינים אתכם, השתמשו במפתח הנושאים שבהמשך העמוד, או בתיבת החיפוש שבדף **ימין (ראו: טיפים לחיפוש)**. בקרו בדף **העזרה** ושחקו בארגז **החול** כדי לראות כיצד גם אתם יכולים לערוך ולחבר ערכים.

תנוצאה מגידול בלתי פוסק בפעילותנו נוצר עומס הגורם לזמני תגובה גרועים. אנו פועלים לשדרוג השרתים לשם שיפור השירות. עמכם הסליחה.



### עיינו בוויקיפדיה

#### פורטלים

ניתן לנטוט בין הערכים בוויקיפדיה בקלות רבה, באמצעות **מערכת הפורטלים**. פשוט בחרו נושא שמעניין אתכם:

ישראל - מתמטיקה - ספורט - מוסיקה - ביולוגיה - היסטוריה - רפואה - מדעי החברה - פיסיקה - מדעי החלל - כימיה - יהדות - מדינות העולם

#### כרכים אחרות

- רשימות: כל הרשימות - כל הערכים - 100 מושגי יסוד - מונחונים
- קטגוריות: רשימה אלפביתית - רשימה לפי נושאים - אישים



### קראו בוויקיפדיה

#### מאמר מומלץ

**קהילת ציון אמריקאית** (American Zion Commonwealth). חברה **ציונית** מיישבת שנטלה חלק חשוב בהתיישבות היהודית בארץ ישראל בתקופת טרום המדינה.

**למאמר המלא - המלצות קודמות**

#### הידעת?



לפני שנרכשה מהבריטים היה על הגשר של הצוללת אח"י דקר פסל טוטם אינדיאני, שנאמר עליו שכל עוד לא ירד מגשר הצוללת לא יאונה לה כל רע. בשיפוצים שעשתה ישראל הורידו את הטוטם.

*Hebrew Wikipedia, using right-to-left writing*

21 languages have over 10000 articles

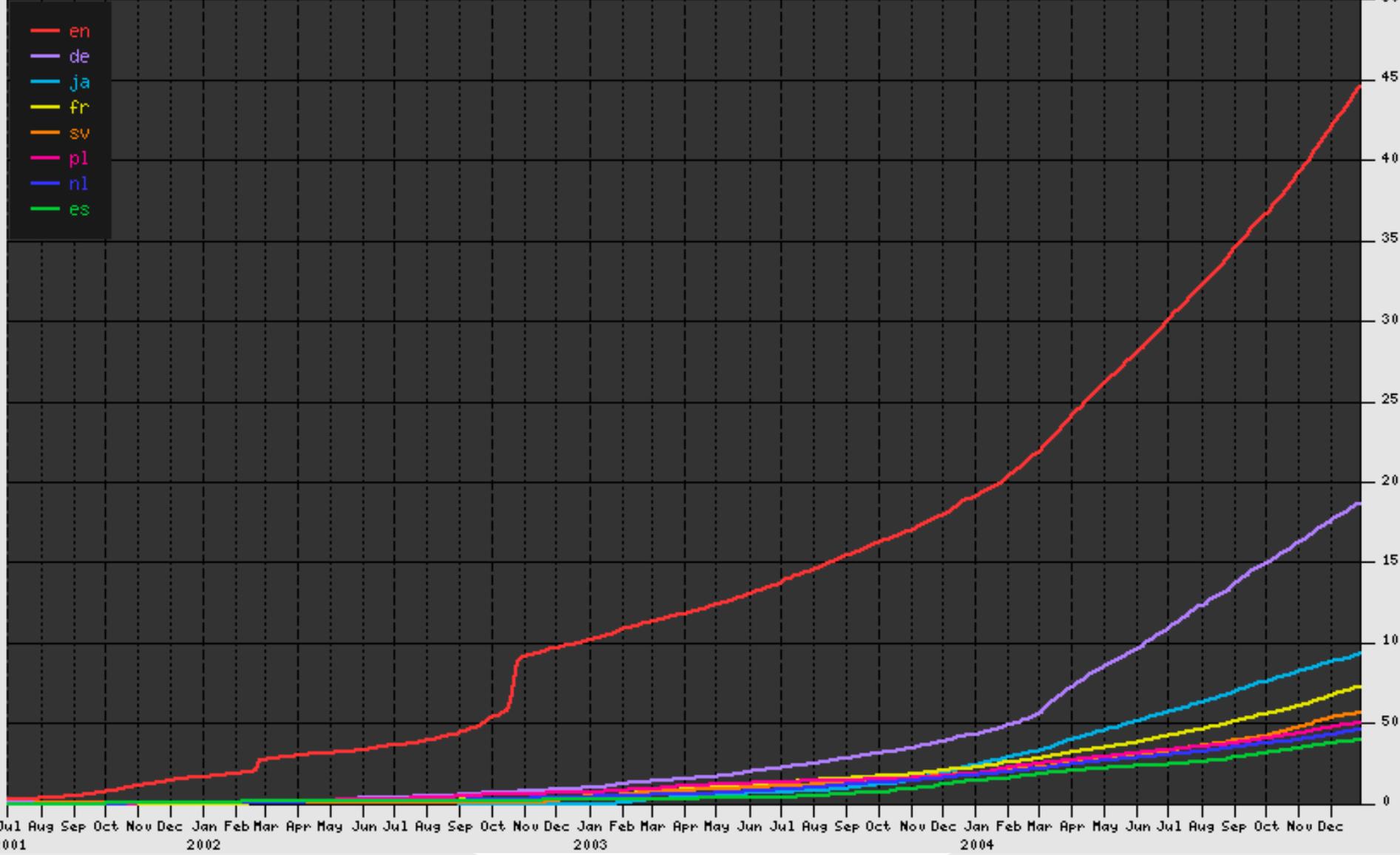
# Wikipedia statistics

- 1.35 million articles in >100 languages
- English Wikipedia: 450,000 articles
  - <http://en.wikipedia.org/>
  - larger than Britannica and Encarta combined
- Dutch Wikipedia: 50,000 articles
  - <http://nl.wikipedia.org/>
- Among top 100 websites according to Alexa.com

1: en - es

Article count (official)

1000 x  
500



# Technical and social rules

- Technical constraints are the framework of social interaction
  - protected pages, user blocks, etc.
- Emergence of policies from consensus-based processes
- Contributors construct their own rulespace
  - „Ignore all rules“
- Norms can be enforced by overwhelming majorities or community leaders

# Can the content be trusted?

- Review processes
- Partly post-moderation, partly reactive moderation
- Linking to particular revisions
- Development of a stable version
- Free license allows you to modify it

# MediaWiki

- One of over 100 wiki engines
- Collaborative software
- Primarily developed for Wikipedia
  - in 2001, Wikipedia used UseModWiki
  - rewritten in PHP from 2002 onwards
  - known as „MediaWiki“ since August 2003
- Today used by many non-Wikimedia websites

# MediaWiki functionality

- Quality control
  - versioning, watchlists
- Organisation
  - namespaces, categories
- Administrative
  - Page protection by sysops
  - Blocking of users or IP addresses
- Extensions: Timeline, Math, Hieroglyphics
- Translated into 30+ languages

# Comparing versions

## Flat Earth

From Wikipedia, the free encyclopedia.  
(Difference between revisions)

Revision as of 22:40, 12 Feb 2003

[Ed Poor](#) (Talk | [contribs](#))

okay, I'm done. Comments?

Line 1:

The "flat earth" theory is the idea that the earth is flat, as opposed to the view of modern science that the earth is spherical.

People from antiquity generally believed the world was flat, as that is how it looks even from a high mountain. Some ancient Greek philosophers began to discuss the idea of a spherical earth, notably Eratosthenes and Ptolemy.

During the period between the fall of the Roman Empire and the [[renaissance]] of science several centuries later, some Christian writers questioned and even opposed the earth's sphericity, although it is not clearly known how influential their views were. Before the Renaissance began, the flat earth theory had pretty much died out, yielding by the 900s or 1100s to the idea that the earth is a globe.

Some Christians in England and America tried to revive Flat Earth thinking in the 19th century, and a few diehards hold out to this day (see [[Flat Earth Society]]).

== Flat Earth theories of Antiquity ==

Revision as of 22:42, 12 Feb 2003

[Eloquence](#) (Talk | [contribs](#))

second para

Line 1:

The "flat earth" theory is the idea that the earth is flat, as opposed to the view of modern science that the earth is spherical.

People from early antiquity generally believed the world was flat, as that is how it looks even from a high mountain; by the time of [[Pliny the Elder]], however, its spherical shape was generally acknowledged. [[Ptolemy]] derived his maps from a curved globe and developed the system of [[latitude]] and [[longitude]].

During the period between the fall of the Roman Empire and the [[renaissance]] of science several centuries later, some Christian writers questioned and even opposed the earth's sphericity, although it is not clearly known how influential their views were. Even before the Renaissance began, the flat earth theory had almost died out, yielding by the 900s or 1100s to the idea that the earth is a globe.

Some Christians in England and America tried to revive Flat Earth thinking in the 19th century, and a few hold out to this day (see [[Flat Earth Society]]).

== Flat Earth theories of Antiquity ==

# Community self-regulation

- **Quality control features:** recent changes, watchlists, related changes, page histories, user contributions lists
- **Community features:** talk pages, user profiles, access levels, user-to-user email, message notification.

# Free content, open source

- Wikimedia – GNU Free Documentation License
- MediaWiki - GNU General Public License
- Can be freely distributed and modified
- Allows authors to retain attribution
- Remains non-proprietary
- Increases sense of shared ownership

# Design in Wikimedia sites

## ■ Developers

- create the skin framework
- provide default skins
- create extensions and tools

## ■ Users

- format site content
  - articles, books, news stories etc.
- create user stylesheets
- edit the interface
- create skins (rare)

# Wikipedia main pages

WIKIPEDIA The Free Encyclopedia

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## Main Page

From Wikipedia, the free encyclopedia.

Welcome to **Wikipedia**, a **free-content** encyclopedia that **anyone can edit** in the English version, started in 2001. We are currently working on 42,623 articles.

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### Today's featured article

**St Bernard Williams** was an English moral philosopher, noted by *The Times* as the "most brilliant and most important British moral philosopher of his time." Williams spent over 50 years serving on various in one way or another. What about it mean to live well? This was a question he pursuing instead focus on the issue of moral education. For Williams, moral education, insofar as the phrase had any meaning, had to be compatible with the pursuit of *wellness* and the good life. As knowledge Professor of Philosophy at the University of Cambridge for over a decade, and the Provost of St John's College, Cambridge for almost as long, Williams became known internationally for his attempt to return the study of moral philosophy to its foundations in history and culture, and in particular, in the Greeks. He was famed for a paradoxical, drawing together ideas from fields that seemed no longer to know how to communicate with one another.

Recently featured: [First Cause](#) - [Gender role](#) - [The Long and Winding Road](#) [Archive](#) - [More featured articles](#)

### Selected anniversaries

**January 13** - The *Spain/Mexico* landed at *Aden* to stop supplies from attacking *Spain* shipping to and from India. *Aden* was to remain under British control until 1967.

**1556** - *Columbus* led the world's first *telex* - a new style of mail *underground*.

**1937** - *Apple Computer* introduced the *Apple I*, their first commercial personal computer with a keyboard and a computer mouse. It had 1 MB of RAM, and was priced at US \$695 each.

Recent days: [January 18](#) - [January 17](#) - [January 16](#) [Archive](#) - [Start a new article](#)

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Wikipedia is run by the non-profit **Wikimedia Foundation**, which operates several other **multilingual** and **free-content** projects:

- [Wikisource](#): Free textbooks and references
- [Wikibooks](#): Free textbooks and references
- [Wikicitation](#): Collection of citations
- [Wikidata](#): Free source documents
- [Wikispecies](#): Directory of species
- [Wikinews](#): Free content news source
- [Wikimedia Commons](#): Shared media repository
- [Wikisource](#): Free source documents
- [Wikispecies](#): Directory of species
- [Wikiversity](#): Free content learning resources
- [Wikivoyage](#): Free content travel guides
- [Wikiquote](#): Free content quotations
- [Wikisource](#): Free source documents
- [Wikispecies](#): Directory of species
- [Wikiversity](#): Free content learning resources
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# User-created skins

Bearbeiten von Cheops-Pyramide - Vorschau - Wikipedia - Mozilla {Build ID: 2004052009}

File Edit View Go Bookmarks Tools Window Help Debug QA 00:57:53

W http://de.wikipedia.org/w/wiki.phtml?title=Cheops-Pyramide&action=submit Search

W Hauptseite - Wikipedia W Bearbeiten von Cheops-Pyrami... REL1 3:All system messages - ... @ heise online - 7-Tage-News W Einstellungen - Wikipedia

**Bearbeiten von Cheops-Pyramide**  
aus Wikipedia, der freien Enzyklopädie  
Vorschau

**Hinweis:** Dies ist nur eine Vorschau, der Artikel wurde noch nicht gespeichert!

Höhe (ursprünglich): 146m  
Seitenlänge: 230m  
Neigungswinkel: 51° 50' 35

Die **Cheops-Pyramide** diente als Grabmal für den ägyptischen **Pharao Khufu** aus der 4. Dynastie, auch bekannt als Cheops (sein griechischer Name). Die **Pyramide** bildet zusammen mit ihren Schwestern der **Chephren-Pyramide** und der **Mykerinos-Pyramide** zugleich das älteste und das letzte noch existierende **Weltwunder** der Antike.

Das Datum der Fertigstellung wird auf **2680 v. Chr.** (zur Zeit der **altägyptischen** Hochkultur) geschätzt. Sie ist die früheste und größte der drei großen **Pyramiden von Gizeh**.

Die Cheops-Pyramide ist die größte der vielen Pyramiden in Ägypten. Ursprünglich war sie 147 m hoch. Doch heute ist sie durch teilweise Abtragung an ihrer Spitze 137 m. Für fast 4000 Jahre war sie damit das **höchste Bauwerk ihrer Zeit**. Sie wurde erst **1439** vom **Straßburger Münster** (143 m) übertroffen. Ihre Grundfläche beträgt 5,5 ha.

Die Pyramide besteht aus Blöcken von **Kalkstein**, **Basalt** oder **Granit** mit einem Gewicht von zwei bis vier Tonnen pro Block.



Cheops-Pyramide

**Views**

- Artikel
- Diskussion
- bearbeiten
- Versionen
- verschieben

**Persönliche Werkzeuge**

- JeLuF
- Eigene Diskussion
- Einstellungen
- Beobachtungsliste
- Eigene Beiträge
- Abmelden

**Navigation**

- Hauptseite
- Wikipedia-Portal
- Aktuelle Ereignisse
- Letzte Änderungen
- Zufälliger Artikel
- Hilfe
- Spenden an Wikimedia

**Suche**

Los Suche

**Werkzeuge**

- Links auf diese Seite
- Verlinkte Seiten
- Hochladen
- Spezialseiten

# User stylesheets

The image shows two side-by-side screenshots of a Wikipedia page's navigation sidebar. The left sidebar is the standard English version, and the right sidebar is a user stylesheet modification.

**Left Sidebar (Standard):**

- Search box
- Go Search
- M | Wikia | City | Grant | WMF
- Main Page
- Community portal
- Current events
- Recent changes
- Random page
- Help
- Donations
- What links here
- Related changes
- Upload file
- Special pages
- Protected Reqs Log
- Vandals IP List Block Log
- Vfd Vio Cleanup Log
- Goings-on Pump Help desk
- العربية
- Bahasa Melayu
- Български
- Català
- Česky
- Сымраег
- Dansk
- Deutsch
- Esperanto
- Español
- Eesti
- Euskara

**Right Sidebar (User Stylesheet):**

- Search box
- Go Search
- M | Wikia | City | Grant | WMF
- Main Page
- Community portal
- Current events
- Recent changes
- Random page
- Help
- Donations
- Italiano
- What links here
- 日本語
- Related changes
- Upload file
- Latina
- Special pages
- Lëtzebuergesch
- Protected Reqs Log
- Vandals IP List Block Log
- Vfd Vio Cleanup Log
- Goings-on Pump Help desk
- Nederlands
- Norsk (nynorsk)
- Norsk
- Occitan
- Polski
- Português
- Română
- Русский
- Simple English
- Slovenčina
- Slovenščina
- Shqip
- Српски / Srpski

# External tools

- Offline-editors
  - WikiWriter
  - Plugins for Eclipse, Kate, JEdit
- Firefox toolbar extension
- Bookmarklets
- Conversion tools, bots

- Wikipedia
  - de:Wikipedia
    - Kategorien
      - de:Kategorie:Webs
      - de:Kategorie:Wikin
    - Interwiki-Links
      - ar:ويكيبيديا
      - bg:Уикипедия
      - ca:Viquipèdia
      - cs:Wikipedie
      - csb:Wikipedijô
      - cy:Wicipedia
      - da:Wikipedia
      - el:Wikipedia
      - en:Wikipedia
      - eo:Wikipedio
      - es:Wikipedia
      - et:Wikipedia
      - fa:ویکی‌پدیا
      - fi:Wikipedia
      - fo:Wikipedia
      - fr:Wikipédia
      - ga:Vicipéid
      - he:ויקיפדיה
      - hi:विकिपीडिया
      - ia:Wikipedia
      - is:Wikipedia
      - ja:ウィキペディア
      - ko:위키백과
      - ku:Wîkîpediya
      - la:Vicipaedia
      - lb:Wikipedia
      - lt:Wikipedija
      - na:Wikipedia
      - nds:Wikipedia
      - nl:Wikipedia
      - no:Wikipedia
      - oc:Òiquipèdià
      - pl:Wikipedia
      - pt:Wikipédia
      - ro:Wikipedia
      - ru:Википедия
      - simple:Wikipedia
      - sl:Wikipedija
      - sv:Wikipedia
      - tr:Wikipedia
      - uk:Вікіпедія
      - zh:維基百科

```

1  [[Bild:Wiki.png|frame|Logo der Wikipedia]]
2
3  '''Wikipedia''' ist ein Projekt zur Erstellung einer [[Enzyklopädie]]. Es ist gleichzeitig der Name für im Rahmen dieses
  Projekts im Aufbau befindliche Enzyklopädien in zahlreichen Sprachen. Wikipedia verwendet die [[Wiki]]-Technik als
  Werkzeug für die Zusammenarbeit zwischen Autoren. Wikis sind [[Website]]s, die es jedem [[Internet]]nutzer erlauben,
  ohne weitere Anmeldung mitzuarbeiten. Jeder kann darin neue Artikel schreiben oder bestehende verbessern.
4
5  Die [[en:Main Page|erste Wikipedia-Fassung]] auf Englisch entstand im Januar [[2001]]. Sie wird ebenso wie das
  deutschsprachige Schwesterprojekt von der amerikanischen [[Wikimedia Foundation]] betrieben. Die deutschsprachige
  Variante der Wikipedia ist unter http://de.wikipedia.org verfügbar und wurde im Mai [[2001]] ins Leben gerufen. Zurzeit
  enthält die deutschsprachige Wikipedia {{NUMBEROFARTICLES}} Artikel.
6
7  == Das Projekt ==
17 == Verwendung von Wikipedia-Artikeln ==
23 == Projektorganisation ==
39 == Geschichte der Wikipedia ==
82 == Kritik ==
87 == Zitate ==
91 == Wikipedia-Ableger ==
101 == Weblinks ==
102 * [[Wikipedia:Artikel über Wikipedia|Pressespiegel]]
103 * [http://en.wikipedia.org Wikipedia in englischer Sprache]
104 * [[meta:Main_Page#Projects|Projekte der Wikimedia Foundation]]
105
106 [[Kategorie:Website]]
107 [[Kategorie:Wikimedia]]
108
109 [[ar:ويكيبيديا]]

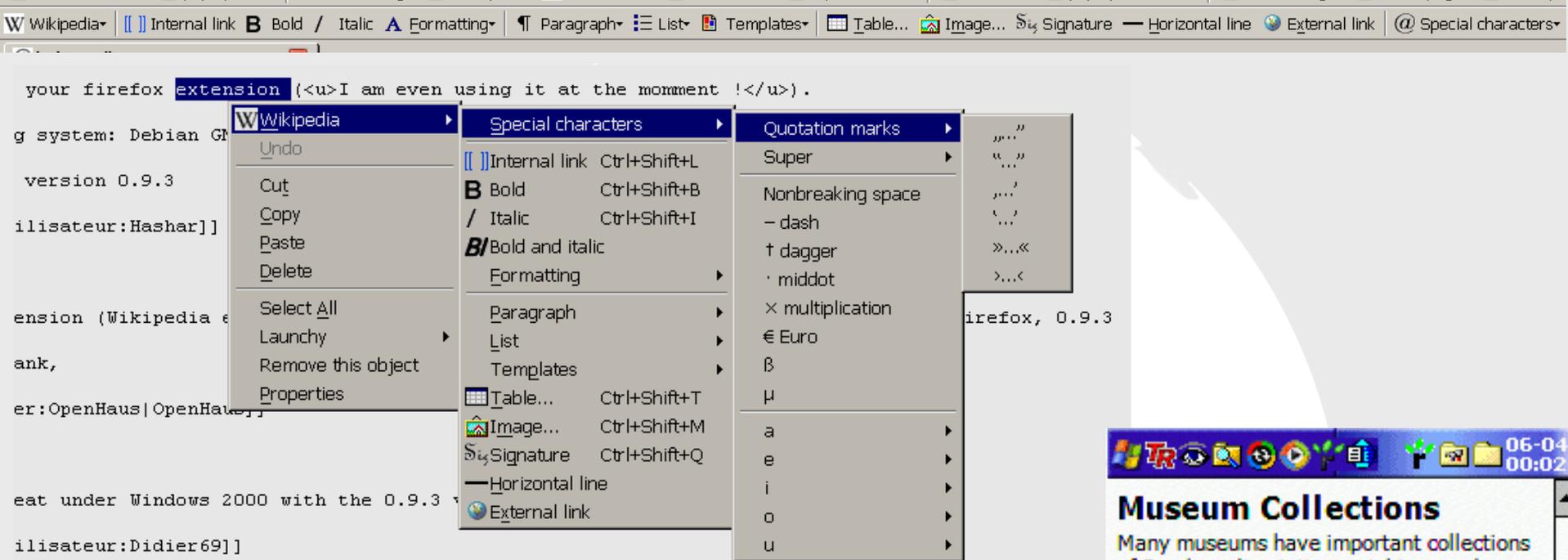
```

BeforeNavigate2: pDisp:None URL:u'http://de.wikipedia.org/wiki/Wikipedia' Flags:0 TargetFrameName:u" PostData:None Headers:u" Cancel:False

```

de:Wikipedia
OnWPGet
Reloading..
ArticleCodePage: Reloadarticle, state = Geladen, id= <article.WPVersion instance at 0x018FAC10>
Reloading article..
Loading article..
Loading of http://de.wikipedia.org/wiki/Wikipedia cancelled!

```



Firefox-toolbar



Tomeraider

# History of Wikipedia design

- From content-centric to user-centric
- Tendency towards
  - more dynamic information
  - more visual elements, colour
  - separation of editors and readers
- Templates help in organizing content
- Feedback to developers about software-embedded structures
  - Bugzilla, mailing lists, Meta, direct contact

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---

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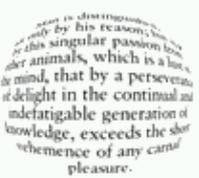
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*August 2001*

*UseMod*



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- [What links here](#)
- [Related changes](#)

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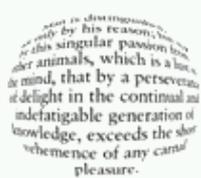
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*Phase 3*



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## About the Project

*February 2003*

*first table-centric Main Page design*



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### Encyclopedia

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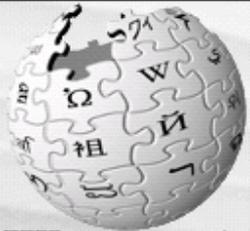
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*February 2004*  
*new logo and colour*



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- [Main Page](#)
- [Community portal](#)
- [Current events](#)
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## Today's featured article



Sir **Bernard Williams** was an [English moral philosopher](#), noted by *The Times* as the "most brilliant and most important British moral philosopher of his time." Williams spent over 50 years seeking answers to one question: *What does it mean to live well?* This was a question few

Western analytic philosophers had explored since the [Greeks](#), preferring instead to focus on the issue of [moral obligation](#). For Williams, moral obligation, insofar as the phrase had any meaning, had to be compatible with the pursuit of [self-interest](#) and the good life. As Knightsbridge Professor of Philosophy at the [University of Cambridge](#) for over a decade, and the Provost of [King's College, Cambridge](#) for almost as long, Williams became known internationally for his attempt to return the study of moral philosophy to its foundations: to [history](#) and [culture](#), [politics](#) and [psychology](#) and, in particular, to the Greeks. He saw himself as a [synthesist](#), drawing together ideas from fields that seemed no longer to know how to communicate with one another.

Recently featured: [First Crusade](#) – [Gender role](#) – [The Long and Winding Road](#)

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## Selected anniversaries

**January 19:**

## In the news

- The largest passenger [jet aircraft](#) in the world, the double-deck [Airbus A380](#), is launched in [Toulouse, France](#).
- Former [Premier](#) of the [People's Republic of China](#) [Zhao Ziyang](#), under [house arrest](#) since the [Tiananmen Square protests of 1989](#), dies at age 85.
- A rush-hour crash on the [Bangkok Metro](#) injures 140 people.
- **Presidential election of Croatia:** [Stjepan Mesić](#) is re-elected by a large majority as [President](#) of the [Republic of Croatia](#).
- [Adriana Iliescu](#), 66, becomes the [world's oldest woman](#) to give [birth](#).



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From Wikipedia's [newest articles](#):

...that [polymer banknotes](#) (right) are made from the [polymer](#) biaxially-oriented [polypropylene](#) (BOPP), and that they incorporate many [security](#) features not available to paper banknotes, making counterfeiting



# The case for open design

- Empowered users can fix their own problems
- Wikipedia has gradually increased the openness of its design processes
  - User stylesheets
  - Templates, editable interface and design
  - Internationalisation
- Feedback mechanisms bridge knowledge barriers
- Beyond wikis, open feedback and issue management can go a long way

