

Repackaging Wikipedia for offline use

Lightning

Lightning is a sudden [electrostatic discharge](#) during a [thunderstorm](#). This can occur between [electrically charged regions](#) of a [cloud](#) (intra-cloud lightning), between two clouds (CC lightning), or between a cloud and the ground (CG lightning). The discharge is called a [strike](#) if it hits an object, and a **flash** if it occurs within a cloud. Lightning creates light from the hot [plasma](#) of the discharge, and sound in the form of [thunder](#).

Lightning may be seen and not heard when it occurs at a distance too great for the sound to carry.

Lightning electrification

The details of the charging process are still being studied by scientists, but there is general agreement on some of the basic concepts of thunderstorm electrification. The main charging area in a thunderstorm occurs in the central part of the storm where air is moving upward rapidly (updraft) and temperatures range from -15 to -25 Celsius, see figure to the right. At that place, the combination of temperature and rapid upward air movement produces a mixture of super-cooled cloud droplets (small water droplets below freezing), small ice crystals, and [graupel](#) (soft hail). The updraft carries the super-cooled cloud droplets and very small ice crystals upward. At the same time, the graupel, which is considerably larger and denser, tends to fall or be suspended in the rising air.^[1]

The differences in the movement of the precipitation cause collisions to occur. When the rising ice crystals collide with graupel (soft hail), the ice crystals become positively charged and the graupel becomes negatively charged. See figure to the left. The updraft carries the positively charged ice crystals upward toward the top of the storm cloud. The larger and denser graupel is either suspended in the middle of the thunderstorm cloud or falls toward the lower part of the storm.^[1]



Intra-cloud and CG lightning



Nazism

National Socialism or Nazism is the [ideology](#) and practices associated with the German [Nazi Party](#) and other [far-right](#) groups. It is a form of [fascism](#) that incorporates [scientific racism](#) and [antisemitism](#). It was influenced by [German nationalism](#) and by anti-communist paramilitary groups that emerged after the [First World War](#).

Nazism aimed to overcome social divisions and create a pure, homogeneous society representing a *people's community*. Nazis sought to show their strength by [exterminating Jews](#), [Roma](#), [Slavs](#), and the handicapped.

The National Socialist party was a rebranding of the German Workers' Party, to broaden its appeal. Adolf Hitler was invited to join the party in 1919, because of his skills as an orator. Crowds flocked to his speeches, and he became the party's chief of propaganda in 1920, and its sole leader in 1921.

In 1933, with the support of traditional conservative nationalists, Hitler was appointed [Chancellor of Germany](#) and the Nazis soon established a [one-party state](#), under which Jews, political opponents and other undesirable elements were marginalised, then imprisoned and killed. Hitler purged the party's more socially and economically radical factions in the mid-1934 [Night of the Long Knives](#) and, after the death of [President Hindenburg](#), political power was concentrated in his hands, and he became Germany's head of state with the title of [Führer](#) or "leader".

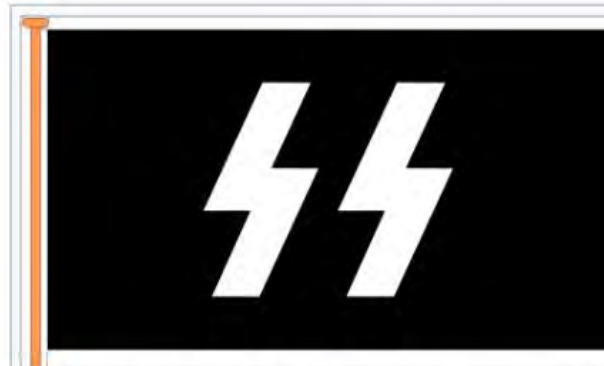
Following the [Holocaust](#) and Germany's defeat in [World War II](#), only a few fringe [racist](#) groups, usually referred to as [neo-Nazis](#), still describe themselves as followers of National Socialism.

Etymology

The full name of Hitler's party was *Nationalsozialistische Deutsche Arbeiterpartei* (acronym: NSDAP;



Flag of the [Nazi Party](#), similar but not identical to the national [flag of Nazi Germany](#) (1933–45).



House flag of the ***Schutzstaffel*** ("protection squadron"), the major paramilitary corps in Nazi Germany.

Part of a series on

Nazism



ADOLF HITLER

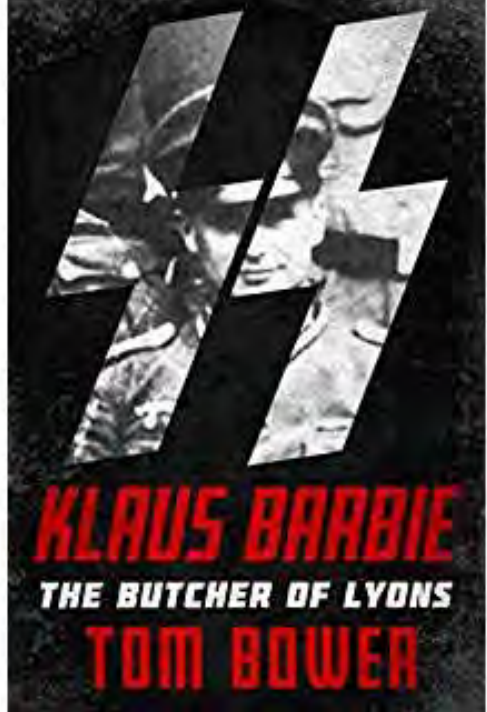
The program for world conquest as offered by Hitler in his only utterances since *Mein Kampf*—his speeches (now in the public domain), with complete commentary and historical background.



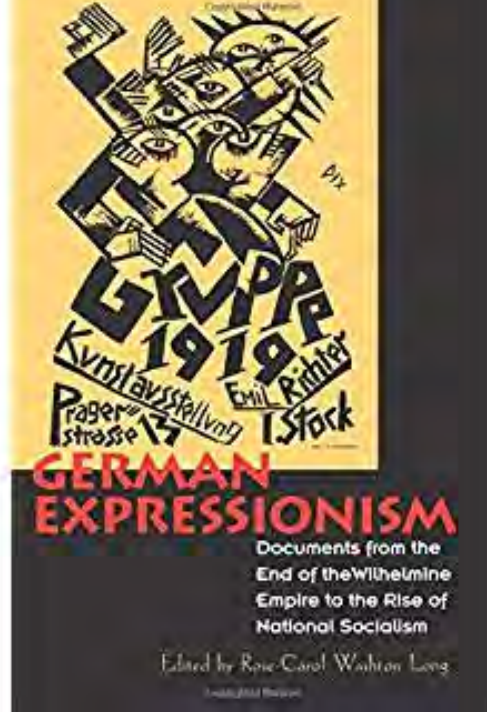
MY NEW ORDER

ADOLF HITLER

The program for world conquest as offered by Hitler in his only utterances since *Mein Kampf*—his speeches (now in the public domain), with complete commentary and historical background.



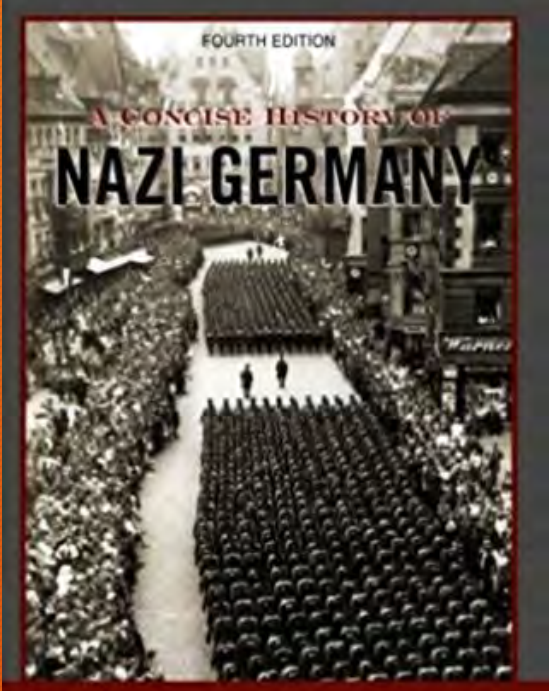
KLAUS BARBIE
THE BUTCHER OF LYONS
TOM BOWER



GERMAN EXPRESSIONISM
Documents from the End of the Wilhelmine Empire to the Rise of National Socialism
Edited by Rose-Carol Wahtan Long



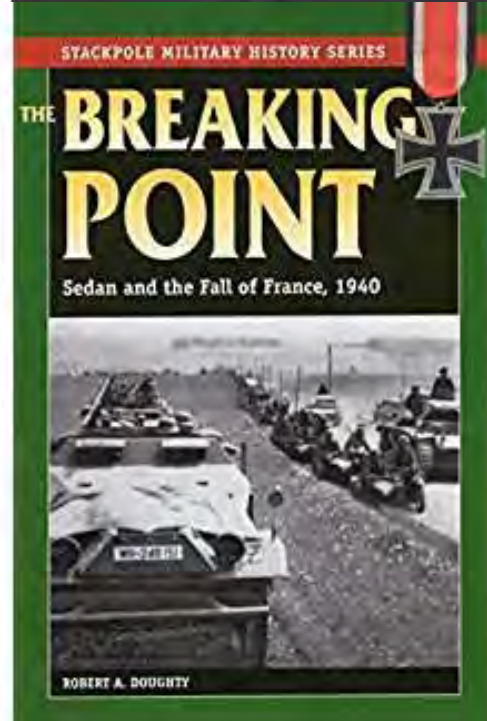
NIKOLAUS WACHSMANN
KI
A HISTORY OF THE NAZI CONCENTRATION CAMPS



FOURTH EDITION
A CONCISE HISTORY OF NAZI GERMANY



EUROPE & THE ARCHITECT
[two plays] **DAVID GREIG**



STACKPOLE MILITARY HISTORY SERIES
THE BREAKING POINT
Sedan and the Fall of France, 1940

ROBERT A. DOUGHTY



LIFE IN THE THIRD REICH
DAILY LIFE IN NAZI GERMANY 1933-1945

PAUL ROLAND

Open Educational Resources in OERs

US Academics are becoming very interested in OERs, because:

- They are more affordable
- They can be customized to the way you teach
- They improve student success - sometimes doubling the no. of passing students!

Authoring an OER During the Semester (with the help of your students)!
(Dave Ghidiu)

STEM Open Educational Resources (OERs): Development and Integration of STEM OERs across SUNY
(Nathan Whitley-Grassi)

The Faculty Perspective on OER: Faculty Adopters of OER Share Their Experience and Advice
Alexis Clinton, Facilitator

Building Open: A Team-based Approach to Creating an OER Degree Pathway
(Andrea Kingston)
Panel

Open 365: One Community College's Year-Long Experiences with SUNY's OER Services
(Michael Daly)



TEXTBOOKS

SUNY OER SERVICES

REQUESTS

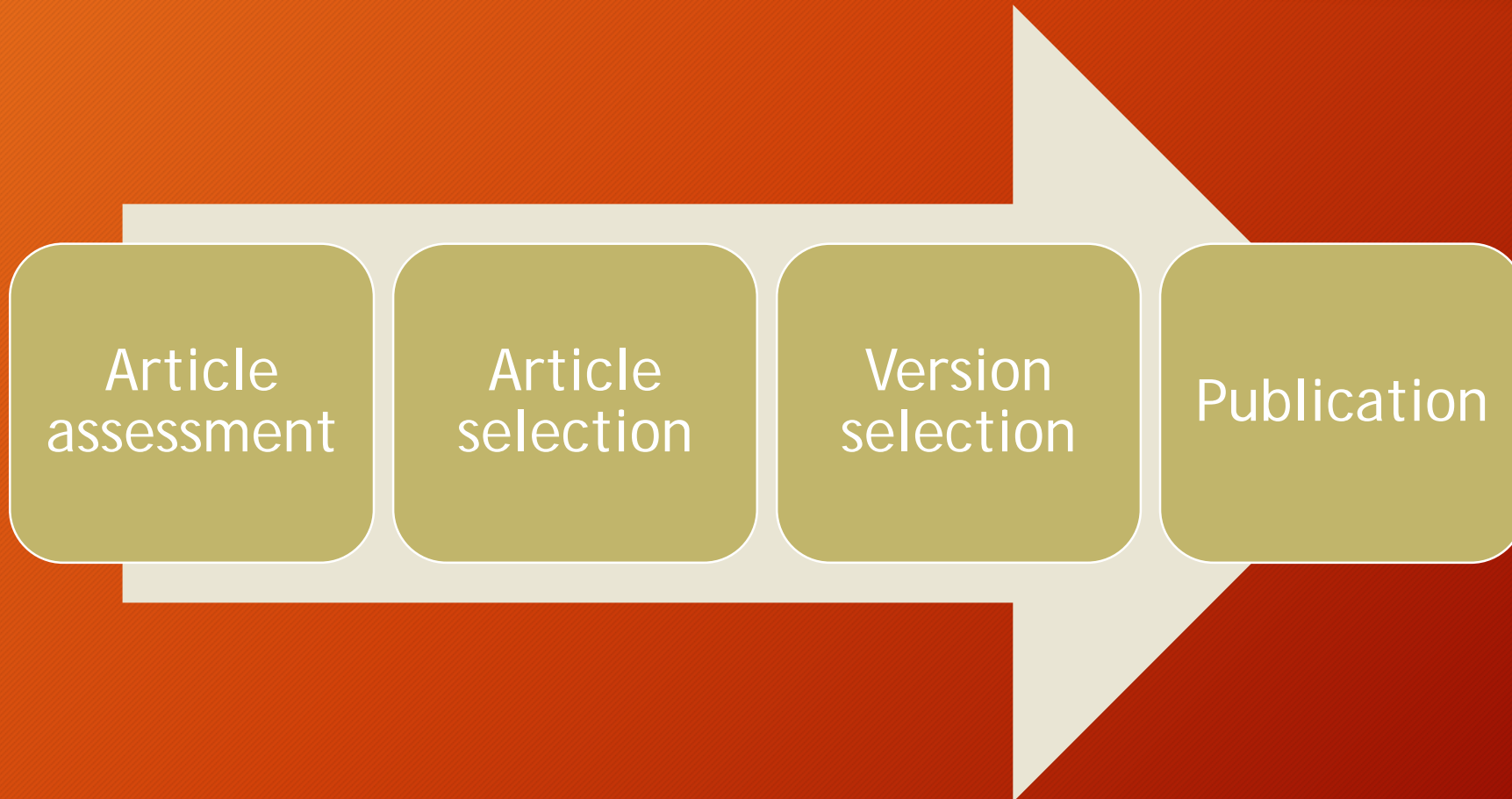
ABOUT

What is Wikipedia 1.0?

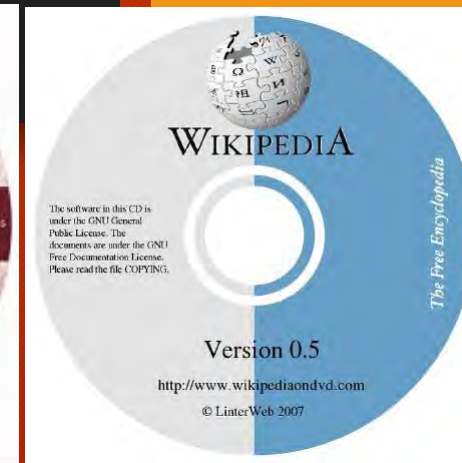
- Initially proposed by Jimmy Wales in 2003, a “paper friendly format”
- Now refers to any offline release on paper, CD or DVD.
- Usually organised by a team of volunteers from a Wikipedia community.
- Two main approaches:
 - Start with everything, remove the bad
 - Start with nothing, add in the good
- Releases may be general or specialised.
- To *select* articles, we needed first to set up a system of article assessment for *quality* and *importance*. Done via WikiProject assessments.



Steps to publication - approach on en:WP



Offline Wikipedia

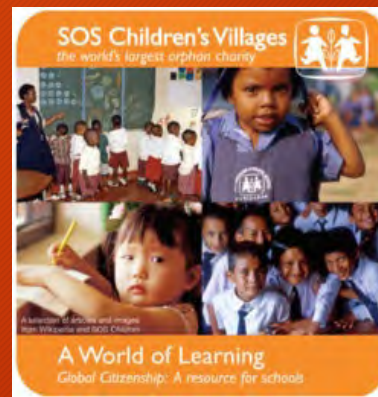


- <2007 German & Polish offline Wikipedias built by teams of volunteers.
- 2007 Version 0.5: English Wikipedia, 2000 general articles selected by the community, on CD.
- Collaboration with Kiwix began.



Selections for schools

- SOS Children's Villages (UK charity) produced a series of educational collections between 2006 and 2013.
- Based on UK curriculum
- Manually curated by volunteers
- Final release contains 6000 articles and 50,000 pictures



Subjects

Art
Business Studies
Citizenship
Countries
Design and Technology
Everyday life
Geography
History
Information Technology
Language and literature
Mathematics
Music
People
Portals
Religion
Science

[Title Word Index](#)

Wikipedia for Schools

Welcome to **Wikipedia for Schools!** This select school children around the world. 6000 articles, the Lord of the Rings and the Chronicles of Narnia.

Wikipedia is great, but it wasn't designed with the vandalised. That's why we've put together this special we've checked all the articles, tidied them up a bit. SOS Children (www.soschildrensvillages.org.uk) articles, we've collected pages from the SOS Children's world.

We would like to say thank you to the Wikimedia many people who have come together over the years.

You can download Wikipedia for Schools from www.schools-wikipedia.org.

The legal stuff: content is covered by [disclaimers](#)

[How to Navigate](#)

Version 0.7 and 0.8 – general selections

Version 0.7: 31,000 articles selected based on WikiProject assessments

Included an index by name, country, topic
Checked for “bad words” semi-manually

Version 0.8: 45,000 articles, released in 2011

Included only an index by name
Vandalism removed using WikiTrust code

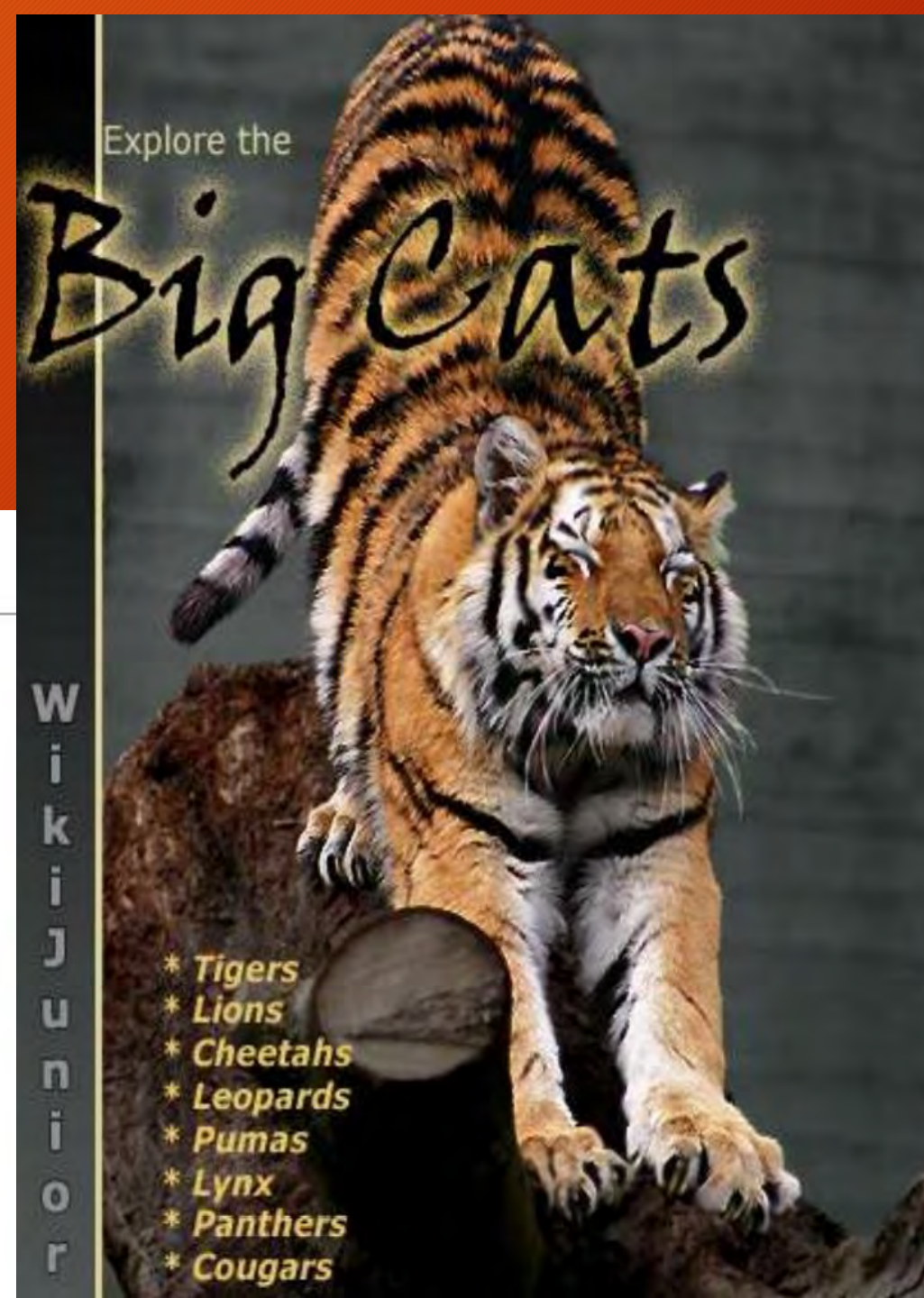


Collections: chapters, books

Extension:Collection

The **Collection** extension allows a user to organize personal selections of pages in a collection. Collections can be

- edited and structured using chapters
- persisted, loaded and shared
- rendered as PDF (see [Extension:PDF_Writer](#) and [Extension:Collection/OfflineContentGenerator](#) TODO)
- exported as ODF Text Document (see [Extension:OpenDocument_Export](#))
- exported as DocBook XML (see [Extension:XML_Bridge](#))
- ordered as a printed book at <http://pediapress.com/>
- exported as [ZIM file](#) (see [Extension:Collection/openZIM](#))
- exported as ePub file (ebook)



Wikipedia 1.0?

- No tech support to continue producing collections - till recently!
- Wikipedia 1.0 should contain:
 - A full landing page and index
 - RevID control
 - An ability to update regularly

The future

- Editable content - learn from WikiFundi
 - How to deal with merging forked versions?
- Focus on target audiences
 - Education vs medicine vs prisons?
 - Topic clusters
 - Linking across different resources (WP, Khan Academy, OSM, etc.) on related topics
 - Collaborate with end users to get it right
 - Many different media