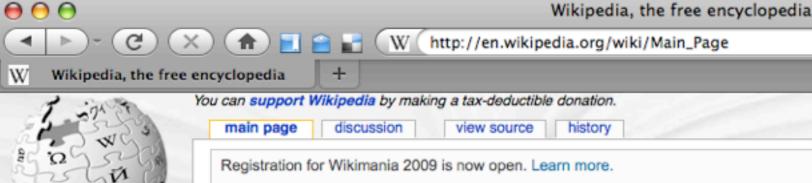


Science and Wikimedia

Michael Peel Jodrell Bank/Wikimedia UK 22 August 2009



Log in / create account

) - 🔀 🕻 Google

[Hide] [Help us with translations!]

Q

Welcome to Wikipedia,

the free encyclopedia that anyone can edit.

3,003,317 articles in English

= Arts = History = Society

Biography = Mathematics = Technology

Geography Science All portals

Overview • Editing • Questions • Help

Contents • Categories • Featured content • A–Z index

navigation

Main page

日午 〇

- Contents
- Featured content

WikipediA

The Free Encyclopedia

- Current events
- Random article

search

Go

Search

interaction

- About Wikipedia
- Community portal
- Recent changes
- Contact Wikipedia
- Donate to Wikipedia
- Help

toolbox

- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link

languages

- Simple English
- العربية 🏿
- Bahasa Indonesia

Today's featured article



Harry Murray (1880–1966) was an Australian recipient of the Victoria Cross, the highest decoration for gallantry "in the face of the enemy" that can be awarded to members of the British and Commonwealth armed forces. Decorated several times throughout his service in the First World War, Murray rose from the rank of private to lieutenant colonel in three-and-a-half years. He is often described as the highest decorated infantry soldier of the British Empire during the First World War. Born in Tasmania, Murray worked as a

farmer, courier and timber cutter before enlisting in September 1914. He served during the Gallipoli Campaign, where he was awarded the Distinguished Conduct Medal. He was later transferred along with the rest of his battalion to France for service on the Western Front, where he was awarded the Distinguished Service Order during the Battle of the Somme. In February 1917, Murray commanded a company during the battalion's attack on the German position of Stormy Trench. During the engagement, the company was able to capture the position and repulse three fierce counter-attacks, with Murray often leading bayonet and bombing charges himself. For his actions during the battle, Murray was awarded the Victoria Cross. Returning to Australia in 1920, Murray eventually settled in Queensland. Re-enlisting for service in the Second World War, he was appointed as commanding officer of the 26th (Militia) Battalion. Taking his discharge in 1944, Murray returned to his farm and died in 1966 at the age of 85. (more...)

Recently featured: Emperor Penguin – Matthew Boulton – Legacy of Kain: Soul Reaver

In the news

- The MV Arctic Sea, a merchant vessel missing since being hijacked in July, is discovered off Cape Verde by the Russian Navy.
- An accident at the Sayano-Shushenskaya hydroelectric station in Russia kills 12 and causes power shortages in Siberia.



- The bombing of a police headquarters in Nazran, Ingushetia, Russia, kills 20 and injures 138.
- At the 2009 World Championships in Athletics in Berlin, Usain Bolt (pictured) of Jamaica sets a new world record of 9.58 seconds for the 100 m sprint.
- In badminton, Lu Lan wins the women's singles and Lin Dan wins the men's singles at the 2009 BWF World
 Championships in Hyderabad, India.
- Y. E. Yang wins the 2009 PGA Championship, becoming the first Asian-born golfer to win a men's major golf championship.
 Wikinews – Recent deaths – More current events...

On this day...

August 19: Independence Day in Afghanistan (1919); National Aviation Day in the United States

1666 – Second Anglo-Dutch War: English Rear-Admiral Robert Holmes led a raid on





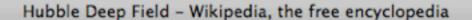
Wikipedia

- Largest reference site on the internet
- 3 million pages (English only)
 300 million edits
- I0 million editors/volunteers
- 271 editions
- Routinely first port of call for Google users



Wikipedia

- Huge numbers of articles on:
 - Astronomy: >20,000 (57 "featured")
 - Biology: >20,000
 - Chemistry: >10,000
 - Physics: >12,000 (37 "featured")
 - etc...



G W Hubble Deep Field - Wikipedia, th...

 $\Theta \Theta \Theta$

W http://en.wikipedia.org/wiki/Hubble_Deep_Field#Notes_and_references







Notes and references

[edit]

Q

- ^ Ferguson et al. (1999), p.84
- ^ Trauger et al. (1994)
- Abraham et al. (1996)
- abcdefghij Williams et al. (1996)
- Telescope Science Institute. Retrieved December 26, 2008.
- A a b Ferguson (2000a)
- 7. Anderson, Ryan (April 2007). "How big is the Hubble Ultra Deep Field image . Curious about astronomy? Ask an astronomer.. Retrieved January 7, 2009.
- 8. ^ a b Ferguson et al. (1999), p.88
- 9. A "Hubble's Deepest View of the Universe Unveils Bewildering Galaxies across Billions of Years & . NASA. 1995. Retrieved 12 January, 2009.
- 10. ^ a b c d "Summary of Key Findings From the Hubble Deep Field &". Space Telescope Science Institute. 1997. Retrieved December 26, 2008.
- 11. ^ a b c d e Ferguson et al. (2000b)
- 12. ^ a b Flynn et al. (1996)
- 13. A Hansen (1998)
- * "NASA ADS entry for Williams et al. (1996) . The SAO/NASA Astrophysics

Data System. Retrieved December 27, 2008.

- 15. ^ a b Ferguson et al. (1999), p.105
- 16. Connolly et al. (1997)
- 17. ^ Trimble (1987)
- 18. Alcock et al. (1992)
- 19. A Rowan-Robinson et al. (1997)
- A "GOODS Spitzer and Ancillary Data @". NASA/IPAC Infrared Science Archive. Retrieved January 7, 2009.
- A Ferguson, H. (2002). "HDF Clearinghouse &". Space Telescope Science. Institute. Retrieved December 27, 2008.
- A Hornschemeier et al. (2000)
- ^ Kellerman et al. (1998)
- A Garratt et al. (2000)
- 25. A "Preliminary MERLIN Observations of the HST Deep Field &". Jodrell Bank Observatory. Retrieved December 27, 2008.
- A Garrett et al. (2001)
- 27. ^ a b Williams et al. (2000)
- ^ Casertano et al. (2000)
- A Beckwith et al. (2006)

Bibliography

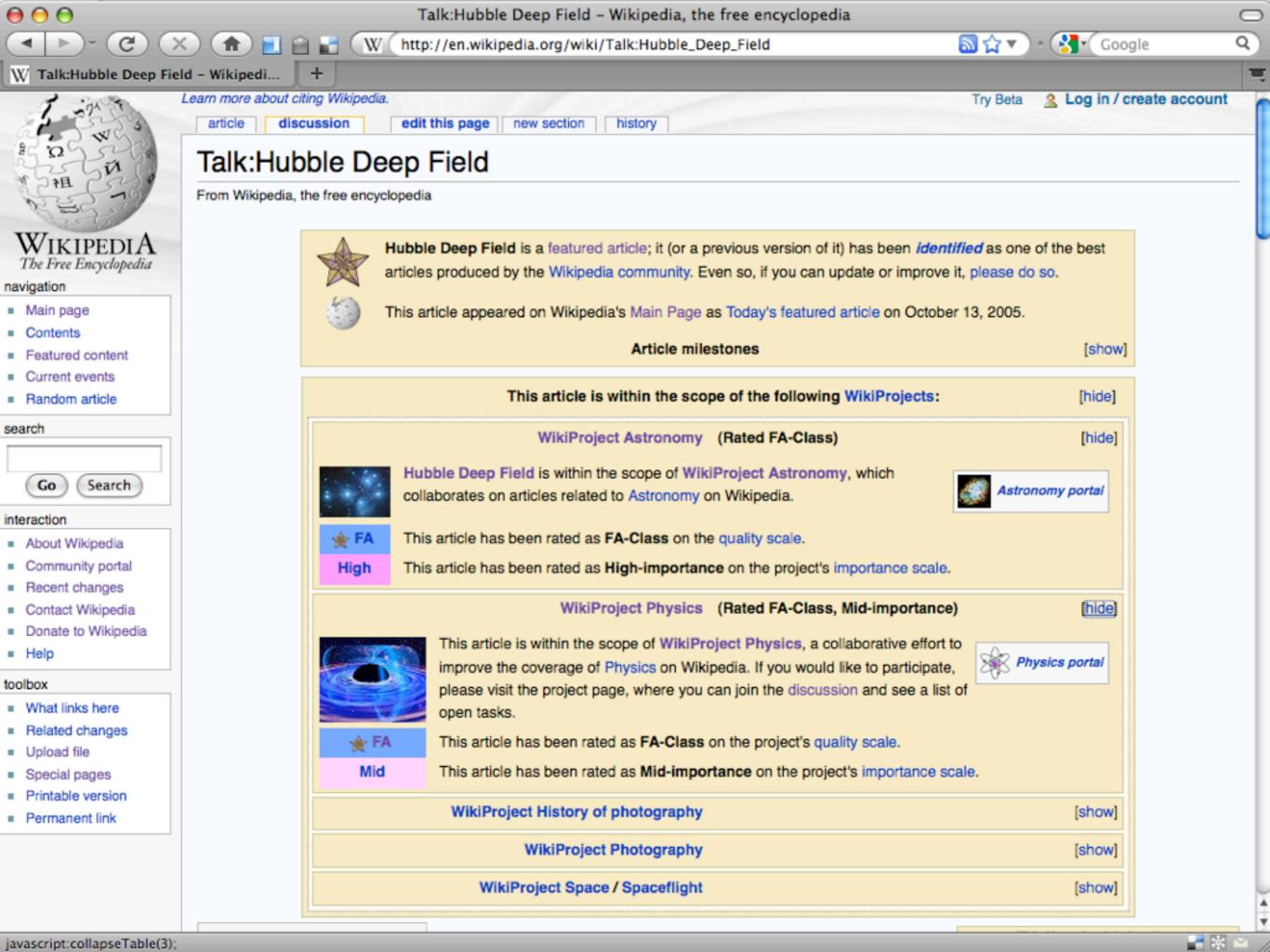
[edit]

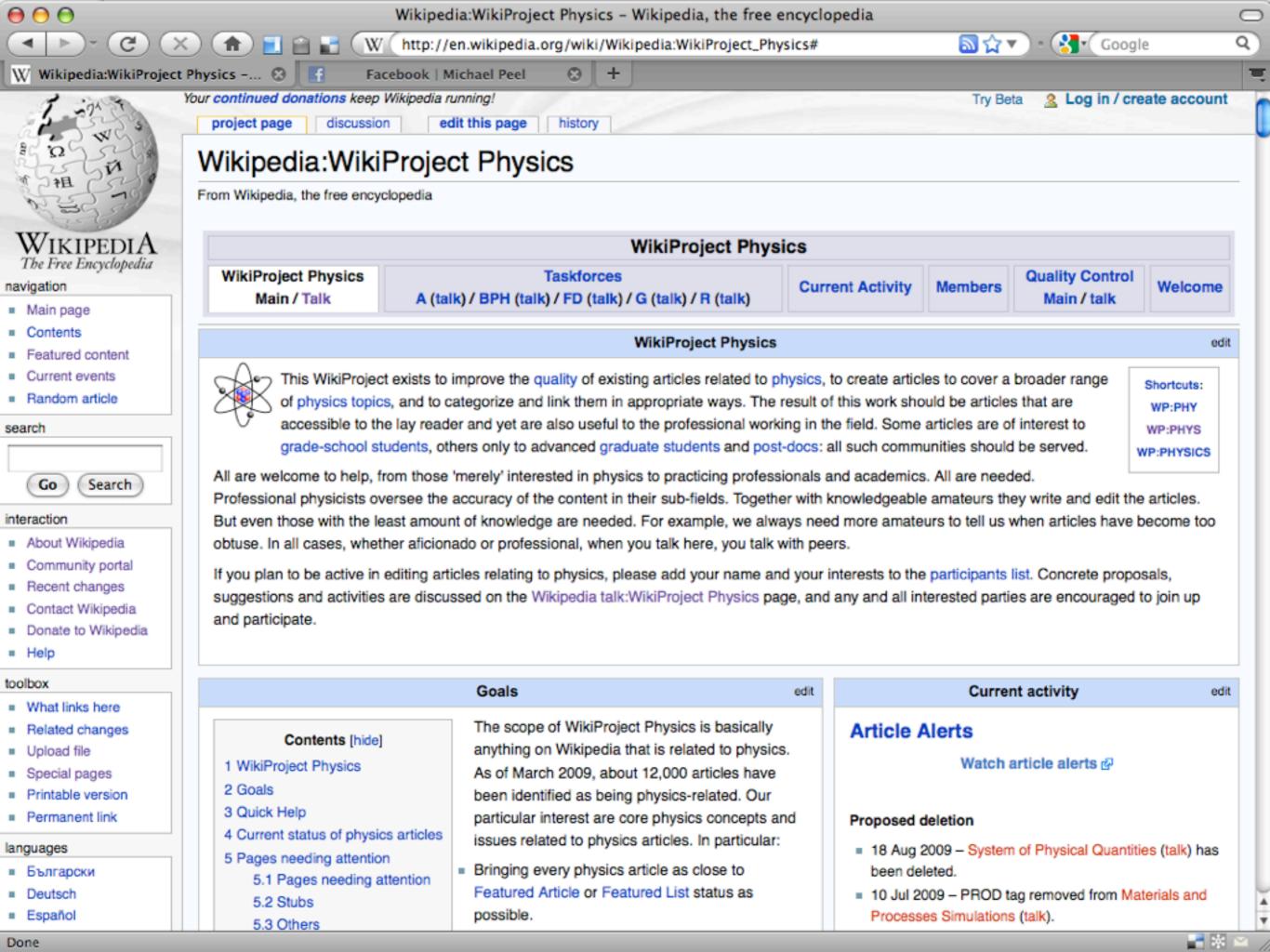
- Abraham, R.G.; et al. (1996). "The Morphologies of Distant Galaxies. II. Classifications from the Hubble Space Telescope Medium Deep Survey &". Astrophysical Journal Supplement 107: 1-17. doi:10.1086/192352 ₽.
- Alcock, C.; et al. (1992). "The search for massive compact halo objects with a (semi) robotic telescope ." in A.V. Fillipenko. 103rd Annual Meeting of the Astronomical Society of the Pacific. Robotic telescopes in the 1990s. 34. pp. 193-202. ISBN 0-937707-53-8.
- Beckwith, S.V.; et al. (2006). "The Hubble Ultra Deep Field &". The Astronomical Journal 132 (5): 1729–1755. doi:10.1086/507302 &.
- Connolly, A.J.; et al. (1997). "The evolution of the global star formation history as measured from the Hubble Deep Field ...". Astrophysical Journal Letters 486: L11. doi:10.1086/310829 &.
- Ferguson, H.C. (2000a). "The Hubble Deep Fields &". in N. Manset, C. Veillet, and D. Crabtree. Astronomical Data Analysis Software and Systems IX. ASP. Conference Proceedings. 216. Astronomical Society of the Pacific. pp. 395. ISBN 1-58381-047-1.
- Ferguson, H.C.; Dickinson, Mark; Williams, Robert (2000b). "The Hubble Deep Fields &". Annual Review of Astronomy and Astrophysics 38: 667–715. doi:10.1146/annurev.astro.38.1.667 ...
- Ferguson, A.S. (1998). "The Hubble deep field F.". Reviews in Modern Astronomy 11: 83–115.
- Flynn, C.; Gould, A.; Bahcall, J.N. (1996). "Hubble Deep Field Constraint on Baryonic Dark Matter ...". Astrophysical Journal Letters 466: L55-L58.

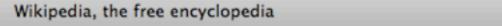


Get involved!

- Continual process of improving articles, and adding new ones (around 1 per minute!)
- Anyone can edit (click on "edit"!)
- Can ask/answer questions on talk pages
- WikiProjects: groups of like-minded editors







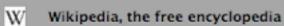




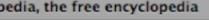




Q



 $\Theta \Theta \Theta$



Other areas of Wikipedia

- Help desk Ask questions about using Wikipedia.
- Reference desk Serving as virtual librarians, Wikipedia volunteers tackle your questions on a wide range of subjects.
- Village pump For discussions about Wikipedia itself, including areas for technical issues and policies.
- Community portal Bulletin board, projects, resources and activities covering a wide range of Wikipedia areas.
- Site news Announcements, updates, articles and press releases on Wikipedia and the Wikimedia Foundation.
- Local embassy For Wikipedia-related communication in languages other than English.

Wikipedia's sister projects

Wikipedia is hosted by the Wikimedia Foundation, a non-profit organization that also hosts a range of other projects:



Commons

Free media repository



Wikinews

Free-content news



Wiktionary

Dictionary and thesaurus



Wikiquote

Collection of quotations



Wikibooks

Free textbooks and manuals



Wikisource

Free-content library



Wikispecies

Directory of species



Wikiversity

Free learning materials and activities



Meta-Wiki

Wikimedia project coordination

Wikipedia languages

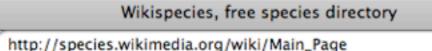
This Wikipedia is written in English. Started in 2001, it currently contains 3,003,940 articles. Many other Wikipedias are available; some of the largest are listed below.

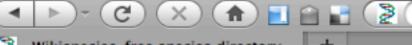
- More than 250,000 articles: Deutsch · Español · Français · Italiano · Nederlands · 日本語 · Polski · Português · Русский · Svenska · 中文
- More than 100,000 articles: Bahasa Indonesia Català Čeština Dansk Esperanto 한국어 Magyar Norsk (bokmål) Română Slovenčina Suomi · Türkçe · Українська
- More than 40,000 articles: Bahasa Melayu Български Eesti Ελληνικά English (simple) فارسی Galego بلاحداد Galego المحداد Hrvatski Lietuvių Norsk (nynorsk) · Slovenščina · Српски / Srpski · Інш · Tiếng Việt



Text is available under the Creative Commons Attribution-ShareAlike License; additional terms may apply. See Terms of Use for details. Wikipedia® is a registered trademark of the Wikimedia Foundation, Inc., a non-profit organization. Privacy policy About Wikipedia Disclaimers















S ☆ ▼) * (Google



 $\Theta \Theta \Theta$

Wikispecies, free species directory

+



Wikispecies free species directory

navigation

- Main Page
- Community portal
- Templates
- Recent changes
- Random page
- Help
- Donate

search



Search

toolbox

- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link
- Cite this page

main page

discussion

view source

history

Registration for Wikimania 2009 is now open. Learn more.

[Hide] [Help us with translations!]

2 Log in / create account

Q

Main Page

Welcome to Wikispecies, a free directory of life!

Wikispecies is an open, free directory of species. It covers Animalia, Plantae, Fungi, Bacteria, Archaea, Protista and all other forms of life. So far we have 194,134 taxonomic entries.



Wikispecies is free, because life is in the public domain!

Collaboration with ZooKeys

A collaboration between Wikispecies and ZooKeys & has been announced. Images of species from ZooKeys will



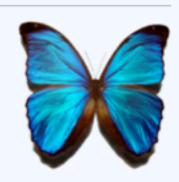
be uploaded to Wikimedia Commons and used in Wikispecies.

Check out Wikispecies: Help for detailed information on creating pages.

- See Wikipedia on taxonomy for information on the Linnaean classification of species.
- See the Village pump to discuss the project.
- See the done and to do page for references to very detailed areas and defined future targets
- See Wikispecies FAQ for replies to common concerns.
- See our recommended image guidelines on where to upload illustrations
- See Wikispecies PR if you think you could help us by spreading the word of Wikispecies

Taxonavigation

- Superregnum Archaea
- Superregnum Bacteria
- Superregnum Eukarya
 - Regnum Protista
 - Regnum Fungi
 - Regnum Plantae
 - Regnum Animalia
- Virus (classification still unclear)



Languages

Aragonés I Asturianu I Bahasa Indonesia I Bahasa Melayu I العربية Беларуская І Български І Bosanski І Brezhoneg I 廣東話 І Català I Čeština I Cymraeg I Dansk I Deutsch I Eald Englisc I Ελληνικά I English | Español | Esperanto | Eesti | Euskara | Føroyskt | Français | I Hrvatski I Interlingua I Italiano I Íslenska I 日本語 برحداتر I Galego ا فارسى I 한국어 I Magyar I Македонски I Nederlands I Occitan I Polski I Português I Ripoarisch/Kölsch I Română I Runa Simi I Русский I Simple English I Slovenčina I Српски/Srpski I Slovenščina I Sunda I Suomi I Svenska I ใทย I Tagalog I Türkçe I Українська I Veneto I Volapük I ייַדיש I 简体中文I正體中文



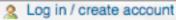




Wikiversity

project page

Try Beta



[Hide] [Help us with translations!]

Q



Registration for Wikimania 2009 is now open. Learn more.

discussion

Why create a Wikiversity account?

Wikiversity:Main Page

Welcome to Wikiversity

view source

history

Set learning free

with 10,951 learning resources and growing.



"On résiste à l'invasion des armées; on ne résiste pas à l'invasion des idées." -Victor Hugo (discuss)

Welcome

Wikiversity is a Wikimedia Foundation project devoted to learning resources, learning projects, and research for use in all levels, types, and styles of education from pre-school to university, including professional training and informal learning. We invite teachers, students, and researchers to join us in creating open educational resources and collaborative learning communities. To learn more, try a guided tour or start editing now.

Today's Featured Project

Learn Breton Language and Culture



Breton is spoken in North-Western France and is one of the few surviving Celtic languages which dominated Furone over 2000 years and The

Educational Picture of the Day

A Roman House

Explore Wikiversity

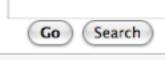
Catalogue I Guided tours

[-] Resources by level Portal:Pre-school Education Portal:Primary Education Portal:Secondary Education Portal:Tertiary Education Portal:Non-formal Education

- [+] School subjects
- [+] University faculties
- [+] Resources by type



search



navigation

- Main Page
- Browse
- Recent changes
- Guided tours
- Random
- Help
- Donate

community

- Portal
- Colloquium
- News
- Projects
- Sandbox
- Help desk

toolbox

- What links here
- Related changes
- Special pages
- Printable version
- Permanent link

in other languages

- Cesky
- Deutsch

Done











http://en.wikibooks.org/wiki/Main_Page







Q



Wikibooks

+

discussion



2 Log in / create account

Open books for an open world

navigation

- Main Page
- Help
- Browse Cookbook
- Wikijunior
- Featured books
- Recent changes
- Donations
- Random book

search

Search Go

community

- Bulletin Board
- Community portal
- Reading room
- Help out!
- Policies and guidelines
- Contact us

create a book

- Add page to book
- Collections help

toolbox

- Search this book
- What links here

main page

view source

history

Registration for Wikimania 2009 is now open. Learn more.

[Hide] [Help us with translations!]

Sighted page (+/-)

The licensing terms for Wikibooks have been changed as a result of the vote affecting all Wikimedia projects. When contributing, you agree to irrevocably release your contributions under the Creative Commons Attribution/Share-Alike License 3.0 and the GFDL.

The phase-out of bookshelves to subjects is being debated. Make your voice heard in the reading room.



Welcome to Wikibooks!

Wikibooks is a Wikimedia community for creating a free library of educational textbooks that anyone can edit. Wikibooks began on July 10, 2003; since then Wikibooks has grown to include over 37,999 pages in a multitude of textbooks created by volunteers like you!

- Have questions or comments? Contact us.
- Need a quick introduction to get you started? See our welcome page.
- Explore, play in the sandbox, have fun, be bold and good luck!



languages/FAQ

Wikijunior Books for Children

Subjects

Natural Sciences

Biology - Engineering - Mathematics - Health Sciences -

Physical Sciences

Social Sciences

Anthropology – Business – Communication – Economics –

Education - Geography - Law - Linguistics - Political

Science - Psychology - Sociology

Computing

Simple English

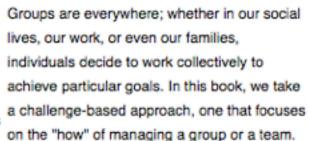
Simplified English

Books



Managing Groups and Teams

Featured Books See all our featured books





Ada Programming (download) (printerfriendly)

Ada Programming is a tutorial teaching the Ada programming language. Ada puts unique emphasis on, and provides strong support for, good software engineering practices that scale well to very large software systems (millions of lines of code, and very large development teams).



Learning Theories is a useful guide for both students and teachers to the problem of how to impart learning.



(download) (printer-

friendly)

Children can explore all the wild letters with their animal pals in Wikijunior Animal



Done



navigation

- Main Page
- Welcome
- Community portal
- Village pump

participate

- Upload file
- Recent changes
- Latest files
- Random file
- Help
- Contact us
- Donate

toolbox

- What links here
- Related changes
- Special pages
- Printable version
- Permanent link
- Cite this page
- Subpages

Picture of the day

文言・中文(简体)・中文(繁體)



Episyrphus balteatus, usually called the Marmalade fly, is a relatively small hoverfly (9-12mm) of the Syrphidae family, widespread throughout all continents. +/- (en)

RSS feed · 🀞 By email · Other Featured pictures

Deutsche Fotothek image donation



□□□□□・한국어・Latina・Lētzebuergesch・Lietuvių・Latviešu・Magyar・Maкедонски・मराठी・Malti・Nederlands・Nedersaksisch・日本語・Nāhuatl・नेपाली・Norsk (bokmål)・

Norsk (nynorsk) · Occitan · Plattdüütsch · Polski · بينس · Português · Runa Simi · Română · Русский · Seeltersk · Shqip · 🗆 🗆 🗆 · Simple English · Slovenčina · Slovenščina ·

Српски / Srpski · Srpskohrvatski / Cpnckoxpватски · Suomi · Svenska · Tagalog · தமிழ் · ไทย · Tiếng Việt · Türkçe · Українська · Vèneto · Volapük · Winaray · ייַדיש · Yorùbá · 梅語・

A 250k image donation from the German photography archives Deutsche Fotothek is currently being uploaded to Commons. Your help is needed

categorizing these images.

See also: Bundesarchiv 100k image donation

Featured pictures & Quality images

If you are browsing Commons for the first time, you may want to start with Featured pictures, Quality images or Valued images. You can also see some work created by our highly skilled contributors in Meet our photographers and Meet our illustrators.

Content

By topic

Nature

Animalia · Fossils · Landscapes ·

[+] Categories

[+] Commons

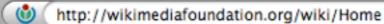
[+] Copyright statuses

[+] Media types

 $\Theta \Theta \Theta$



+







S ☆ ▼) • (Google

Try Beta

Q

2 Log in



view source history discussion

Home

From the Wikimedia Foundation

한국어 Malti Italiano 日本語 Ελληνικά English Español Suomeksi Français Galego Hrvatski Bahasa Indonesia Nederlands Polski Português Română Русский Tiếng Việt 中文(简体) 中文(繁體)

Imagine a world in which every single human being can freely share in the sum of all knowledge. That's our commitment.

And we need your help. Please support the Wikimedia Foundation by donating today.

The Wikimedia Foundation, Inc. is a nonprofit charitable organization dedicated to encouraging the growth, development and distribution of free, multilingual content, and to providing the full content of these wiki-based projects to the public free of charge. The Wikimedia Foundation operates some of the largest collaboratively edited reference projects in the world, including Wikipedia, the fourth most visited website in the world.

FOUNDATION

about wikimedia

- Home
- FAQ
- Our projects
- News
- Press room
- Contact us
- Staff
- Wikimedia blog
- Job openings
- Local chapters

support

- Benefactors
- Volunteering
- Donate

corporate

- Board of Trustees
- Advisory Board
- Bylaws
- Values
- Policies
- Resolutions
- Annual Report
- Financial reports and Form 990
- Fundraising reports

wiki

Recent changes

Wikimedia Blog

Read about the latest news and views from the Wikimedia Foundation.

- 3,000,000 by Jay Walsh, Communications (August 17th, 2009) Comment!
- Wikimedia Netherlands and the Tropenmuseum bring 2100 images to the Commons by Jay Walsh, Communications (August 5th, 2009) Comment!
- The abc's of Usability! by Parul Vora, Wikimedia Usability Initiative (July 29th, 2009) Comment!
- Let's tango! by Naoko Komura, Program Manager, Usability Initiative (July) 17th, 2009) Comment!
- Protecting the public domain and sharing our cultural heritage by Erik Moeller, Deputy Director (July 16th, 2009) Comment!



SUPPORT WIKIPEDIA

Inside Wikimedia



Annual Report



Read the 2007/2008





navigation

- Home
- Join
- Blog
- Newsletter
- Initiatives
- Contact us
- Donate

organisation

- Constitution
- Meetings

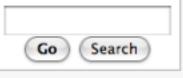
upcoming events

- Board meeting Tue
 September 2009
- Manchester meetup -Sun 6 September 2009
- London meetup Sun
 13 September 2009
- (suggest new)

wiki

- Water cooler
- Recent changes

search



toolbox

page discussion edit history move unprotect unwatch

Welcome to Wikimedia UK

Supporting free and open knowledge in the United Kingdom

For the Ukranian language Wikipedia please visit http://uk.wikipedia.org 🖓; for Wikimedia Ukraine please visit http://wikimedia.org.ua 🗗

Next Board Meeting

The next Board Meeting will happen in the irc:wikimedia-uk-board IRC channel on

Tuesday 1st September 2009 at 20:30-22:30 BST. (an agenda is available here)

All are welcome to attend, but only board members will be voiced. General discussion will be in irc:wikimedia-uk.

About Wikimedia UK

Wikimedia UK is the local Wikimedia chapter covering the United Kingdom. The chapter is incorporated under the name "Wiki UK Limited" and uses Wikimedia UK as its operating name. We were approved as a chapter by the Wikimedia Foundation on 12 January 2009.

Wikimedia UK is a separate organization from the Wikimedia Foundation, and has no control over the contents of Wikipedia or any other projects run by the Wikimedia Foundation. We exist to help collect, develop and distribute freely licensed knowledge (and other educational, cultural and historic content), which we do by supporting the charitable activities of the Wikimedia Foundation.

Open decisions

As an organisation promoting open knowledge, we also want to be leaders in transparency regarding our decision making:

- Our constitution puts decision making in the hands of members wherever possible
- We seek the widest possible membership base
- We are led by a seven person Board of Trustees, elected by the members at the AGM

Join the chapter

my talk

Initiatives

Meetings

Volunteering

Do you want to help support the chapter, and help share the world's knowledge with everyone, everywhere? Please become a member!

Membership is open to all; there are no restrictions in the location or age of members, and members do not need to be editors of any of the Wikimedia Foundation projects. Membership costs just £12 per year (£6 for concessions). Members have the right to elect the Board, submit motions to and vote at AGMs, thereby playing a central role in determining the activities of the chapter.

my preferences my watchlist my contributions

Constitution

Newsletter

Water cooler

Q

Join Wikimedia UK

Donate

Contact us

Support us

We run several initiatives, including:

- Wikipedia Loves Art ② generated over 11,000 free-content photographs in February 2009, which are currently being processed.
- We responded to a Copyright law consultation paper from the UK Intellectual Property Office in February 2009, and are expecting a follow up discussion paper in the autumn.

What would you like to see the Chapter do and support? Do you have an idea for an initiative that you'd like to see happen? Are you able to volunteer your time to help with an initiative? Please let us know, or

























