



# Hacking Wikidata

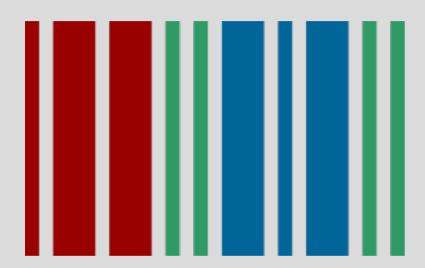
Inside the biggest Open Knowledge database
Exploring Linked Data & SPARQL

by #bozz and #CristianCantoro



## Wikidata in 25 seconds





"Open" means:

→ Released in Creative Commons Zero

"Knowledge Base" means:

→ Collection of statements «Mount Everest has height 8,848.86 M.»

"Collaborative" means:

- → Quick data entry, even anon
- → 24K active users

"Biggest" means:

- → 103 million items
- → 1,894,935,356 edits

"Multilingual" means:

→ ~318 languages
YES: "Veneto" included
<a href="https://vec.wikipedia.org/wiki/Verona">https://vec.wikipedia.org/wiki/Verona</a>

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#### A

Coordinates: @ 27°59'17"N 86°55'31"E

Q

#### Mount Everest

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"Everest" and "Sagarmatha" redirect here, For other uses, see Everest (disambiguation) and Sagarmatha (disambiguation).

Mount Everest (Nepali: सगरमाधा, romanized: Sagarmāthā: Tibetan: Chomolunama र्वेर्रेक्षः व्यः Chinese: 珠穆朗玛峰: pinvin: Zhūmùlǎnamǎ Fēna) is Earth's highest mountain above sea level, located in the Mahalangur Himal sub-range of the Himalayas. The China-Nepal border runs across its summit point. [2] Its elevation (snow height) of 8.848.86 m (29.031.7 ft) was most recently established in 2020 by the Chinese and Nepali authorities.[3]

Mount Everest attracts many climbers, including highly experienced mountaineers. There are two main climbing routes, one approaching the summit from the southeast in Nepal (known as the "standard route") and the other from the north in Tibet. While not posing substantial technical climbing challenges on the standard route. Everest presents dangers such as altitude sickness. weather, and wind, as well as hazards from avalanches and the Khumbu Icefall. As of 2019, over 300 people have died on Everest, [4] many of whose bodies remain on the mountain. [5]

The first recorded efforts to reach Everest's summit were made by British mountaineers. As Nepal did not allow foreigners to enter the country at the time, the British made several attempts on the north ridge route from the Tibetan side. After the first reconnaissance expedition by the British in 1921 reached 7,000 m (22,970 ft) on the North Col, the 1922 expedition pushed the north ridge route up to 8.320 m (27.300 ft), marking the first time a human had climbed above 8.000 m (26.247 ft). The 1924 expedition resulted in one of the greatest mysteries on Everest to this day: George Mallory and Andrew Irvine made a final summit attempt on 8 June but never returned, sparking debate as to whether they were the first to reach the top. Tenzing Norgay and Edmund Hillary made the first documented ascent of Everest in 1953, using the southeast ridge route. Norgay had reached 8.595 m (28.199 ft) the previous year as a member of the 1952 Swiss expedition. The Chinese mountaineering team of Wang Fuzhou, Gonpo, and Qu Yinhua made the first reported ascent of the peak from the north ridge on 25 May 1960. [6]

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# Wikipedia VS Wikidata



North Face as seen from the path to North Base Camp

#### **Highest point**

Elevation 8.848.86 m (29.031.7 ft)

Inote 11

Ranked 1st

Prominence 8.848.86 m (29.031.7 ft) Ranked 1st

(Notice special definition for

Everest)

Isolation eight-thousander

Listing Himalavas

Seven Summits ultra-prominent peak &

Coordinates @ 27°59′17″N 86°55'31"F[note 2]

#### Naming

Etymology Sir George Everest Native name सगरमाथा (Nepali) (Sagarmāthā)

हें बें शुद्राय (Standard Tibetan) (Chomolungma)

珠穆朗玛峰 (Chinese)

English translation

Holy Mother Geography

Linux.it- ILS.org



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#### جبل إفرست

من ويكيبيديا، الموسوعة الحرة

حيل الفرست (بالانجليزية Mount

Everest، بالتبتية تشومولانغما

جبل إفرست

صورة الجبل مأخوذة من جبل كالا بتثار

منطقة زاغامارثا، نيبال

منطقة التبت ذاتية الحكم 🧪

8,848 متر (29,029 قدم)

💴 تيبت، جمهورية الصين الشعبية

27°59'17"N 86°55'31"E @

وبالنبيالية ساجارماثا) أعلى حيل على وجه الأرض، حيث يرتفع إلى حوالي 9كم عن سطح البحر. وهو أحد الجبال التي تتكوّن منها سلاسل جبال الهملايا، على حدودالصين (التبت) ونبيال (ساجارماثا) وشمالي الهند. اكتشفه الأوروبيون لأول مرة في 1847 وبعد يضع سنوات من الملاحظات والحسابات، قدر ارتفاعه بـ 8848 متر وعرف كأعلى قمة في

الموقع

المنطقة

إحداثيات

السلسلة

الارتفاع

النتوء

عالم. هذه الميزة كانت وراء التسمية «إفرست» التي اعتمدها الغرب في عام 1865، وشهدت عشرينيات القرن السابق إقبالا من المتسلقين الذين رغبوا في الوصول للقمة الأعلى. لم تنجح عدة حملات، وخاصة البريطانية منها، في الوصول من جهة الشمال. أوقعت

الظروف الحوية القاسية أول

الضحايا، كان من بينهم جورج

VicipædiA

Libera encyclopaedia

Pagina prima Novissima Pagina fortuita Categoriae Nuper mutata

Communitas

Invitatio Taberna Auxilium **Donationes** 

Instrumenta

Nexus ad paginam Nuper mutata Fasciculum imponere

Res Disputatio

#### Everestius mons

Everestius mons.[1] Thibetice ਵੱਲਾ ਸ਼ਨਾਕ zo mo klang ma, est altissipus orbis terrarum mons, cuius cacumen 8848 metrorum supra maris aeguor attingit... sectione Mahalangur Himalaiarum patet. Finis internationalis inter Rem Publicam Popularem Sinarum et Nepaliam trans exactum montis apicem transit. Omne massif Lhotse (8516 m), Nuptse (7855 m), et Changtse (7580 m), cacumina propingua, comprehendit.

Die 3 Aprilis 1933 aëronaves duae expeditionis Houston supra montem Everes\*\*\*\*\*\* [2][3][4][5]

Primu维基百科

ccond 由的百科全書

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各我们

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共市商

**Everestius mons** 

Ouaerere apud Vi- Q

(m)

Nomen nondum datum est Disputațio hujus IP Conlationes Sibi nomen imponere

Legere Recensere Plus Y

Altitudd (m) 8844,43

Coordinata

Locus Nepalia-Tibetum ora Typus Himalaia

WikipediA  $\equiv$ L'enciclopedia libara

Berg der Erde. Er gehört zu den

14 Achttausendern und zu den

Everest ist seit 1856 nach dem

Seven Summits, Der Mount

britischen Landvermesser

Nepali heißt der Berg

George Everest benannt, Auf

Sagarmatha, auf Tibetisch

Hochchinesisch 珠穆朗瑪峰.

im Mahalangur Himal in der

Aussprache "Tschomolangma")

Der Mount Everest befindet sich

Region Khumbu in Nepal an der

Qomolangma (deutsche

und auf Chinesisch und

Zhūmùlăngmă Fēng.

rticles

y portal

anges

here

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t link

mation

#### Everest (Q513) [canbia | canbia el còdaxe]

Voxe Discusion

Lexi Canbia

Nordseite, vom Weg zum

aesehe

8848 m

(Nepal), 7

Mahalang

(Himalaya

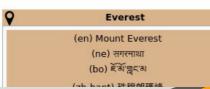
527° 59

86° 55′ 29

Lexi el testo in: Vèneto do Brasil · Vèneto Belumat · Orixenale

El Monte Everest el xe na montagna del Himalaya, al confin intrà la Cina e el Nepal.

El xe la montagna pì alta del mondo, la so altesa la de 8.484 metri sol livelo del mare.



الهيمالايا

8848.86 متر 🥖



外的喜马拉雅山脉中段、北纬27°59′ 15.85", 东经86°55'39.51", 北坡在 西藏定日县境内, 南坡在尼泊尔索卢坦 額菲爾士峰全年平均温度为-29°C,被 称为「世界第三极」,另外兩極是指地 球的北極和南極。近年来,由大约 15000个冰川和世界上最高的若干个 山峰组成喜马拉雅冰川正受到全球变暖 的巨大威胁,冰川面积减少。由于印度

板块和歐亞大陸板塊以每年5.08公分

的速度互相挤压, 致使整个喜马拉雅山

民共和国 (西

珠穆朗瑪峰

维基百科, 自由的百科全书

#### 珠穆朗玛峰 Mount Everest É新聞に対 (Jomolangma, 珠穆朗玛)

坐标: @ 27°59'18'N 86°55'31'E

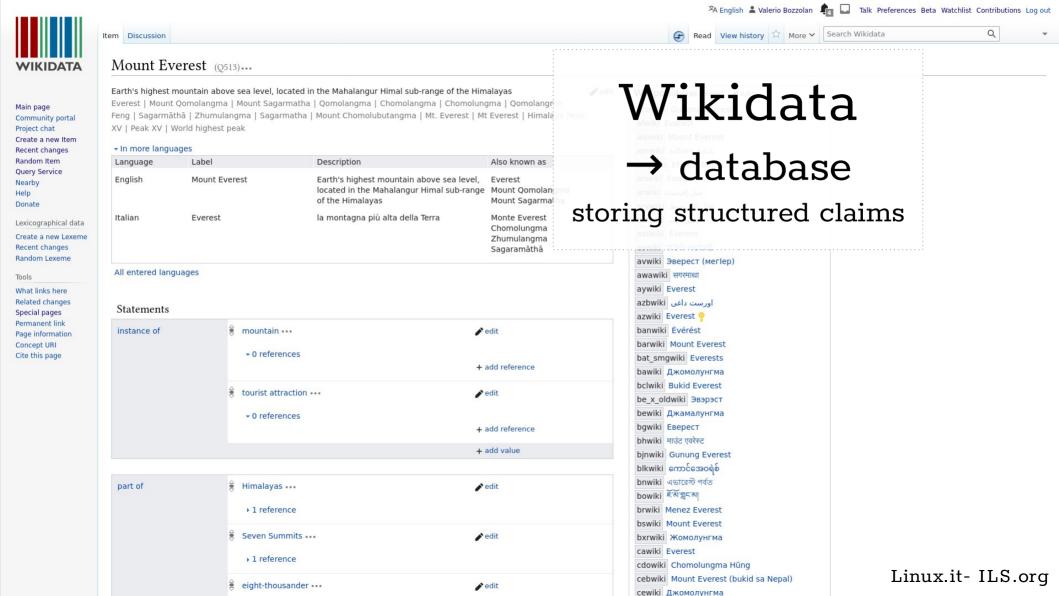
सगरमाधा (Sagarmāthā, 萨加玛塔)

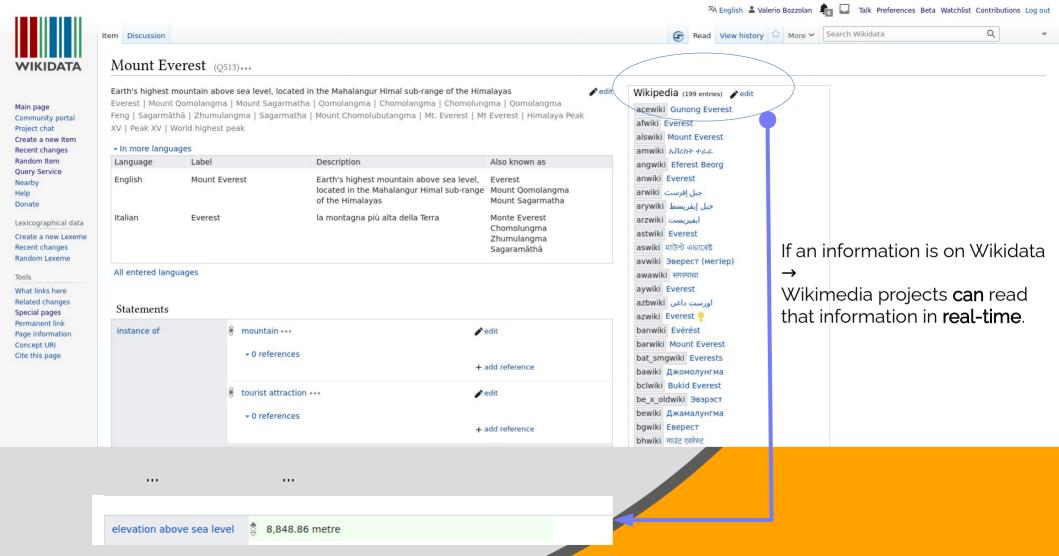


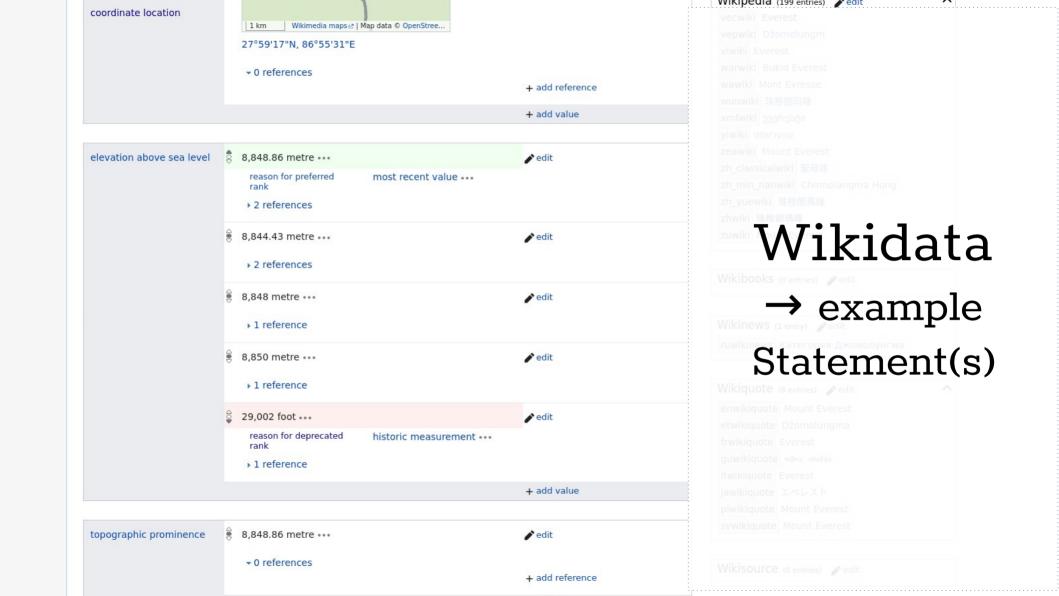


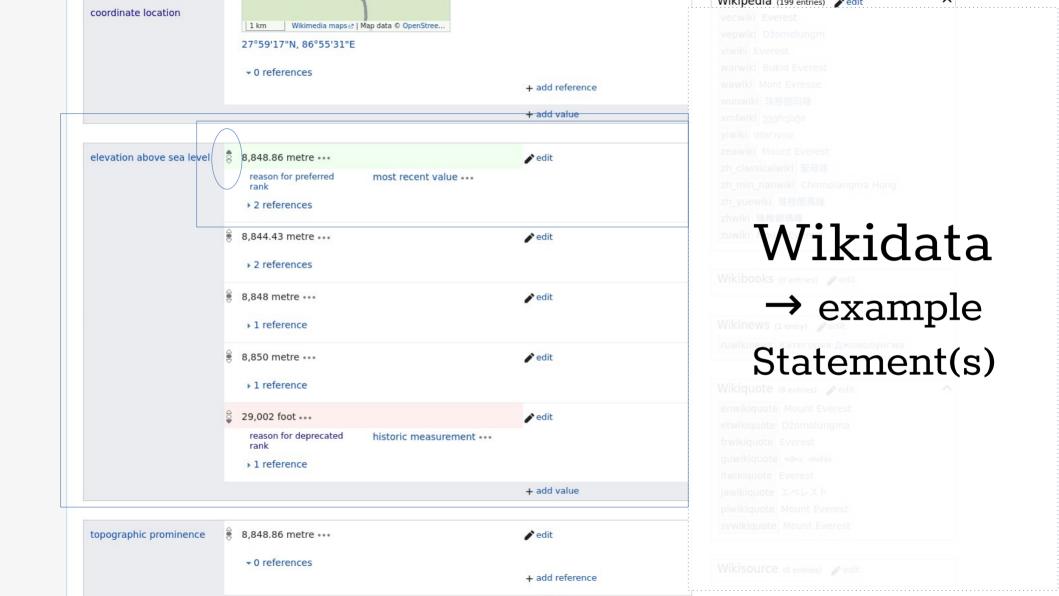
額菲爾士峰的位置 (中尼边境)

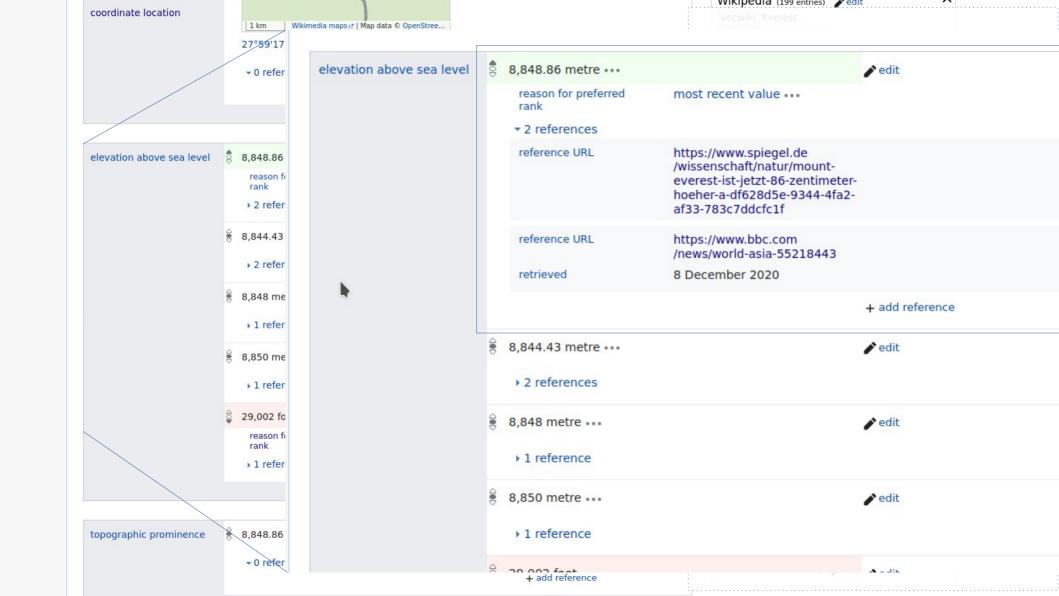
8,848.86米(29,031.7英尺)

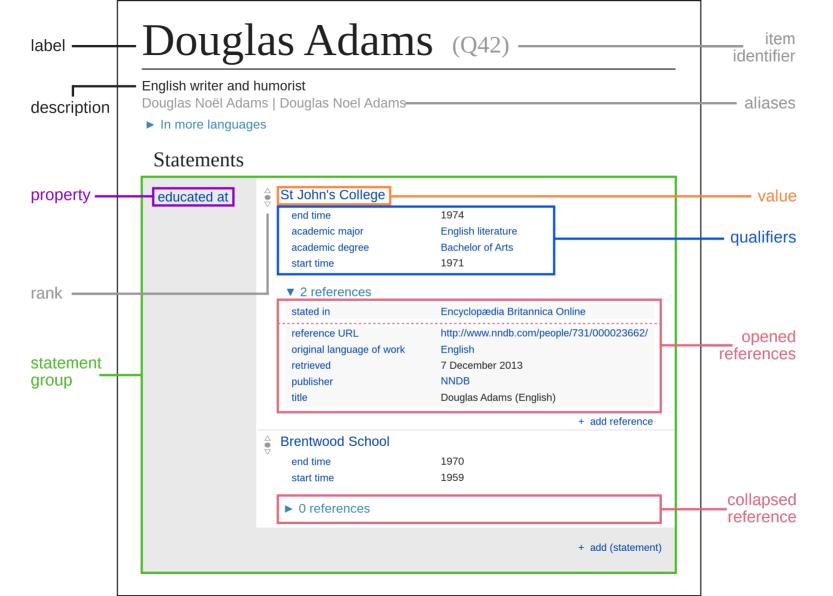












# Querying data from Wikidata



```
SELECT ?value WHERE {
    ?mountEverest ?hasHeight ?value.
}
```

1 that's SPARQL

# Subject · Predicate · Object



# Bonus Level

https://etherpad.wikimedia.org/p/ME RGEitLabWikidata2023

↑ Batteries included

## Bonus Level<sup>2</sup>

How to phcontribute to phource phode

Wikimedia Phhhhhhabricator!

https://phabricator.wikimedia.org/tag/wikidata/

1 Batteries not included

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## Let's see some stuff



#### Help tools:

- https://www.wikidata.org/wiki/Wikidata:Introduction
- "Wikidata:SPARQL query service"

Save the date! #LinuxDay

21, October 2023!

Valerio gnu@linux.it