

# 3 new Wikibase extensions



EDTF



[2021-02-22~, 2021-32, 2020-XX-11, 2012..2015]

 [edit](#)

One of these:

- Circa February 22nd, 2021
- Winter (Southern Hemisphere) 2021
- 11th of unknown month, 2020
- 2012
- 2013
- 2014
- 2015

▼ [0 references](#)

[+ add reference](#)

[+ add value](#)

Local image



 edit

DemoCat 1.png

823 × 732; 607 KB

▼ 0 references

+ add reference



DemoCat

✓ save ✕ cancel ?



DemoCat 1.png

+ add qualifier



DemoCat 2.png

+ add reference

+ add value



[2021-02-22~, 2021-32, 2020-XX-11, 2012..2015]

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DemoCat

✓ save ✕ cancel ?



DemoCat 1.png

+ add qualifier



DemoCat 2.png

+ add reference

+ add value

# #1: dedicated creation functions

```
public function myNiceTest() {  
    $serviceStub = $this->createMock(Service::class);  
  
    $serviceStub->expects($this->once())  
        ->method('getNyan')  
        ->willThrow(new NotEnoughNyanException());  
    $serviceStub->expects($this->once())  
        ->method('getMoreNyan')  
        ->willThrow(new NotEnoughNyanException());  
  
    $classUnderTest = new SomeClass($serviceStub);  
    $classUnderTest->doThings();  
  
    $this->someAssertionStuff('/.../');  
}
```

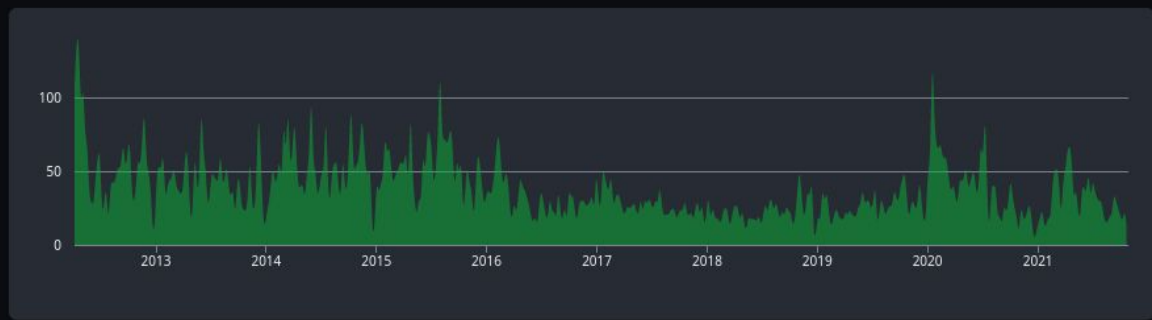


- Pulse
- Contributors**
- Community
- Commits
- Code frequency
- Dependency graph
- Network
- Forks

Apr 8, 2012 – Oct 30, 2021

Contributions: Commits

Contributions to master, excluding merge commits and bot accounts



**JeroenDeDauw** #1  
 2,837 commits 263,487 ++ 217,991 --

A smaller line chart for JeroenDeDauw, showing orange vertical bars representing commit activity from 2013 to 2019. The y-axis has a marker at 50. The activity is concentrated in the early years, with a peak around 2014.

**translatewiki** #2  
 2,605 commits 164,552 ++ 91,636 --

A smaller line chart for translatewiki, showing orange vertical bars representing commit activity from 2013 to 2019. The y-axis has a marker at 50. The activity is more spread out and lower in volume compared to JeroenDeDauw.

**thiemowmde** #3  
 2,514 commits 191,930 ++ 191,099 --

A smaller line chart for thiemowmde, showing orange vertical bars representing commit activity from 2013 to 2019. The y-axis has a marker at 50. The activity is concentrated in the early years.

**lucaswerkmeister** #4  
 1,237 commits 217,343 ++ 63,020 --

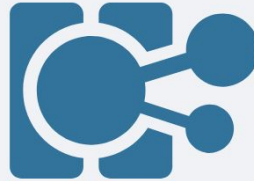
A smaller line chart for lucaswerkmeister, showing orange vertical bars representing commit activity from 2013 to 2019. The y-axis has a marker at 50. The activity is concentrated in the early years.

# Wiki Services By True Experts

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Why Professional.Wiki:

- ✓ Unmatched enterprise wiki expertise (Semantic MediaWiki)
- ✓ Best in-class custom MediaWiki development
- ✓ Friendly MediaWiki support and advice
- ✓ Involved in and trusted by the MediaWiki community
- ✓ Focus on quality, sustainability and the big picture



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Managed hosting



Software development



Wikibase setup



Workflow integration

# 3 new extensions

[FREEDOM INTENSIFIES]



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# Extension 1: Wikibase EDTF

Funded by the Luxembourg Ministry of Culture

**Extended Date Time Format**



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# Extended Date/Time Format (EDTF)

Official Web Site

## Extended Date/Time Format (EDTF) Specification

February 4, 2019

### Introduction

The Extended Date/Time Format (EDTF) was created by the Library of Congress with the participation and support of the bibliographic community as well as communities with related interests. It defines features to be supported in a date/time string, features considered useful for a wide variety of applications.

See [Background](#). Note, in particular, a draft specification was issued in 2012. The full functionality of the draft specification is retained in this specification, however several syntactic changes were necessary, to satisfy international requirements.

### Differences

This specification differs from the earlier draft as follows:

- ▶ the unspecified date character (formerly lower case 'u') is superseded by the character (upper case) 'X';
- ▶ Masked precision is eliminated;
- ▶ the uncertain and approximate qualifiers, '?' and '~', when applied together, are combined into a single qualifier character '%';
- ▶ "qualification from the left" is introduced and replaces the grouping mechanism using parentheses;
- ▶ the extended interval syntax keywords 'unknown' and 'open' have been replaced with null and the double-dot notation ['. .'] respectively;
- ▶ the year prefix 'y' and the exponential indicator 'e', both previously lowercase, are now 'Y' and 'E' (uppercase); and
- ▶ the significant digit indicator 'p' is now 'S' (uppercase).

### Compliance

Three conformance levels are defined: level 0, level 1, and level 2. Level 0 specifies features of ISO 8601-1; Levels 1 and 2 specify features described ISO 8601-2.

An implementation must support all of the features listed for Level 0. The vendor must state one of the following levels of support:

- ▶ Level 0 is supported.
- ▶ Level 0 is supported, and in addition the following features of levels 1 and 2 are supported (list features).
- ▶ Level 1 is supported.

# Intervals

EDTF	 2011/2021 (2011 to 2021)	 edit
	<a href="#">▶ 0 references</a>	
	 2011-11-01/2021-04 (November 1st, 2011 to April 2021)	 edit
	<a href="#">▶ 0 references</a>	
 1984/ (From 1984 to unknown)	 edit	
	<a href="#">▶ 0 references</a>	
		<a href="#">+ add value</a>



# Precision and uncertainty

EDTF	 1984? (Maybe 1984)	 edit
	<a href="#">▶ 0 references</a>	
	 1984~ (Circa 1984)	 edit
	<a href="#">▶ 0 references</a>	
	 ?2004-06--11 (Maybe circa June 11th, 2004)	 edit
	<a href="#">▶ 0 references</a>	
		<a href="#">+ add value</a>




# Seasons

EDTF	 2021-21 (Spring 2021)	 edit
	<a href="#">▶ 0 references</a>	
	 2021-22 (Summer 2021)	 edit
	<a href="#">▶ 0 references</a>	
 2021-31 (Autumn (Southern Hemisphere) 2021)	 edit	
	<a href="#">▶ 0 references</a>	
		<a href="#">+ add value</a>



# Sets

EDTF	 [2012, 2013, 2014, 2015] (One of these: 2012, 2013, 2014, 2015) <a href="#">▶ 0 references</a>	 edit
	 {2012..2015} (All of these: 2012, 2013, 2014, 2015) <a href="#">▶ 0 references</a>	 edit
	 {2021-04-22, 2021-04-23, 2021-04-24} All of these: <ul style="list-style-type: none"><li>◦ April 22nd, 2021</li><li>◦ April 23rd, 2021</li><li>◦ April 24th, 2021</li></ul>	 edit



EDTF



[2021-02-22~, 2021-32, 2020-XX-11, 2012..2015]

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- 2015

▼ 0 references

+ add reference

+ add value



Wikibase EDTF is stable





# Extension 2: Semantic Wikibase

Funded by Frans AL van der Horst

Store Wikibase data in Semantic MediaWiki



Professional.Wiki  
Wikibase.Consulting



# What is Semantic MediaWiki?

Structured data in MediaWiki, similar to Wikibase

Created in 2005 by Markus Krötzsch and Denny Vrandečić

1000s wikis, Microsoft, NASA, etc

30+ extensions

Form editing and inline visualizations

[Semantic-MediaWiki.org](https://semantic-media-wiki.org)



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Language	Label	Description	Also known as
English	Amsterdam	A city in the Netherlands	

## Statements

Located in



The Netherlands

edit

▼ 0 references

+ add reference

+ add value

Coordinates



52°22'N, 4°54'E

edit

▼ 0 references

+ add reference

+ add value



# Browse wiki

## Item:Q16

[Hide groups](#) | [Hide incoming properties](#)

**Coordinates** 52° 22' 0.00" N, 4° 54' 0.00" E + [Q](#)

**Located in** The Netherlands + [Q](#)

**Wikibase ID** Q16 + [Q](#)

**Wikibase description** A city in the Netherlands (en) + [Q](#)

**Wikibase label** Amsterdam (en) + [Q](#)

▼ Administrative properties

**Modification date** 19:38:08, 28 August 2020 + [Q](#)

No properties link to this page.

Item:Q16

Go



# Editing Main Page

```
{{#ask: [[Coordinates::+]] | ?Coordinates | format=map }}
```

```
{{#ask: [[Coordinates::+]]  
| ?Wikibase label=City | +lang=en  
| ?Wikibase ID  
| ?Located in  
| ?Coordinates  
| mainlabel=-  
| format=table  
}}
```



# Main Page



City ↕	Wikibase ID ↕	Located in ↕	Coordinates ↕
Utrecht	Q14	The Netherlands	52° 5' 0.00" N, 5° 7' 0.00" E
Amsterdam	Q16	The Netherlands	52° 22' 0.00" N, 4° 54' 0.00" E
Delft	Q8	The Netherlands	52° 0' 41.80" N, 4° 21' 25.80" E



Semantic Wikibase is not yet production ready!



Professional.Wiki  
Wikibase.Consulting



# Extension 3: Wikibase Local Media

Funded by Rhizome

Work with local images in your Wikibase



Professional.Wiki  
Wikibase.Consulting





By clicking "Create" you agree to the [terms of use](#), and you irrevocably agree to release your contribution under the [1].

(pick a data type)

- Commons media file
- Entity Schema
- External identifier
- Geographic coordinates
- Geographic shape
- Item
- Media file**
- Monolingual text
- Point in time
- Property
- Quantity
- String

(pick a data type) ▾

Create



# Statements

Local image	 DemoCat
	 DemoCat 1.png
	 DemoCat 2.png



Local image



 edit

DemoCat 1.png

823 × 732; 607 KB

▼ 0 references

+ add reference



Professional.Wiki  
Wikibase.Consulting



Wikibase Local Media is stable



Professional.Wiki  
Wikibase.Consulting





# 3 new Wikibase extensions

## Extensions on GitHub

- [github.com/ProfessionalWiki/WikibaseEdtf](https://github.com/ProfessionalWiki/WikibaseEdtf)
- [github.com/ProfessionalWiki/SemanticWikibase](https://github.com/ProfessionalWiki/SemanticWikibase)
- [github.com/ProfessionalWiki/WikibaseLocalMedia](https://github.com/ProfessionalWiki/WikibaseLocalMedia)

## Extensions funded by

- Wikibase EDTF: Luxembourg Ministry of Culture
- Semantic Wikibase: Frans AL van der Horst
- Wikibase Local Media: Rhizome

Wikibase services: [www.Wikibase.Consulting](http://www.Wikibase.Consulting)

Wikibase blog: [www.Wikibase.Consulting/blog](http://www.Wikibase.Consulting/blog)

Company website: [www.Professional.Wiki](http://www.Professional.Wiki)

We are hiring: [www.Professional.Wiki/jobs](http://www.Professional.Wiki/jobs)

Follow us on Twitter [@ProWikiExperts](https://twitter.com/ProWikiExperts)

