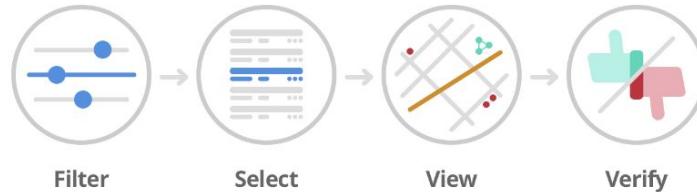


OSMChā

BETA

Validation tool for OpenStreetMap



**Last Updated:
June 1, 2020**

Created by: ggando_lyft



Agenda

- **Objective**
- **What is OSM Cha?**
- **Signing In**
- **Navigation**
- **Filtering**
- **Filter Example**
- **Reset Filters**
- **Lyft Team**

Objective

Objective

Gain a understanding of what is OSM Cha and how to use it.

OSMCha
BETA
Validation tool for OpenStreetMap



What is OSM Cha?

OSM Changeset Analyzer

- “OSMCha is an **advanced changeset explorer**.

Changesets on OpenStreetMap have timestamp, editor used, changeset comment, bounding box of the changeset, username of the author and other metadata. OSMCha stores these changeset metadata and allows searching through them”



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OSMCha

OSMCha - Other languages
English · español · français · português · Other languages · Translate

OSMCha² short for OpenStreetMap Changeset Analyzer is a web tool to help mappers analyze and review data changes to OSM. The objective of the tool is to help detect vandalism and act on bad changes to the map data.

Contents [hide]

- 1 Introduction
- 2 Development
- 3 Changeset Explorer
- 4 Filters
- 5 Bookmarklet
- 6 Using OSMCha
- 7 See also

Introduction

Development

OSMCha was originally written by Wille Marcel in 2015 to investigate suspicious changesets on OSM³. A global instance was later hosted by Mapbox⁴ as an additional data QA tool for the OSM community.

Changeset Explorer

OSMCha is an advanced changeset explorer. Changesets on OpenStreetMap have timestamp, editor used, changeset comment, bounding box of the changeset, username of the author and other metadata⁵. OSMCha stores these changeset metadata and allows searching through them.

Along with the metadata available from OpenStreetMap, OSMCha allows

Filters

The user interface of OSMCha allows multiple user input of metadata values for searching through the changeset database.

Bookmarklet

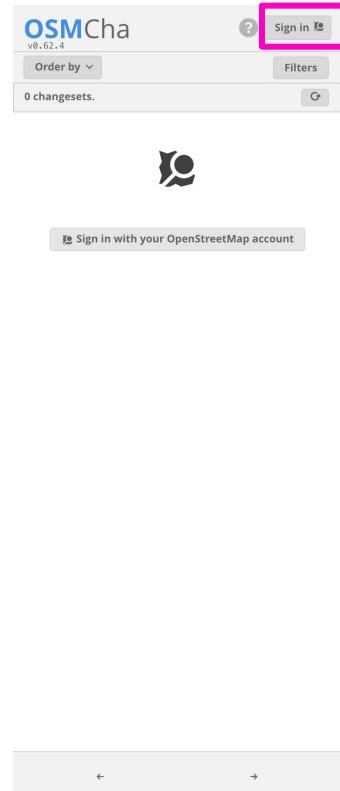
Use a bookmarklet to conveniently access the OSMCha Changeset Viewer! By clicking on the new bookmark (or opening it via a

- **Search through Changeset**

Signing In

osmcha.mapbox.com

- <https://osmcha.mapbox.com/>
- Click on  button on the top right corner of the left panel



OSMCha

Validation tool for OpenStreetMap



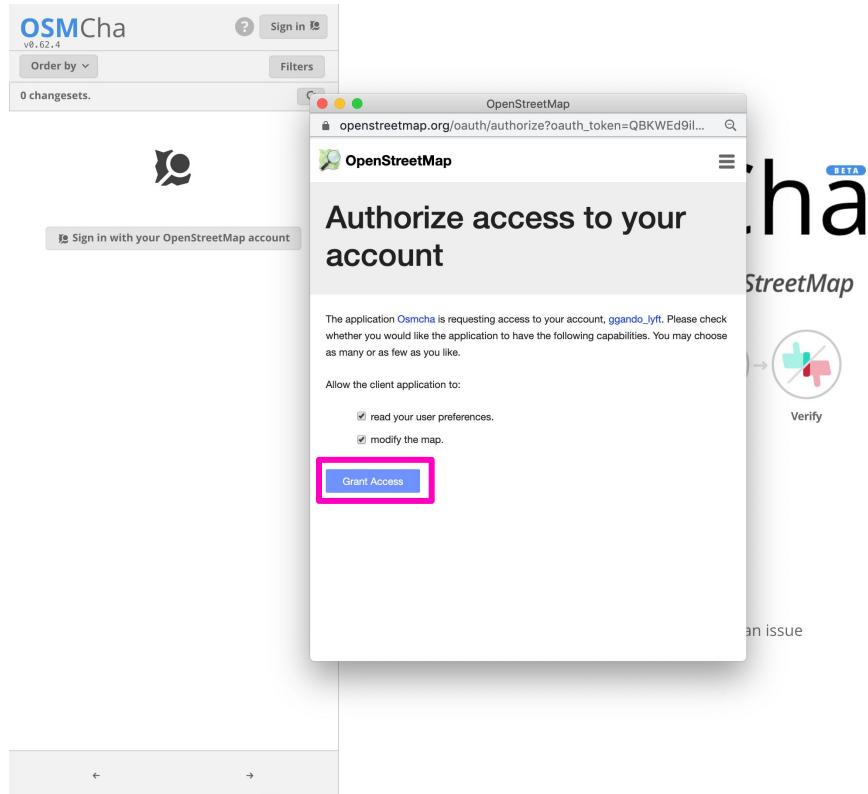
v0.62.4

[Guide](#) | [GitHub](#) | [File an issue](#)

Directed to OSM

- Window will pop up
- Click on

Grant Access



Logged Into MapRoulette

- After successfully logging OSM Cha will open to this page

The screenshot shows the OSMCha interface with the following details:

- Header: OSMCha v0.62.4, ggando_lyf
- Section: Order by, Filters
- Count: 374,282 changesets.
- Changesets (Listed from top to bottom):
 - bunty_6** 6 minutes ago: Changed the direction of service way near tertiary way Jalan Pelelah Raya. Status: 0 1 0.
 - Booprint** 6 minutes ago: Partial lake update. Status: possible import 2246 4 0.
 - Korgi1** 6 minutes ago: Added roads to Tamiami and University Park CDP(s) in Miami-Dade County, Florida with RapID #maproulette. Status: 3 1 0.
 - AndyG1714** 6 minutes ago: Edited the map. Status: 0 4 0.
 - ZocaloBlanco** 6 minutes ago: Created residential way in the village of Al Awjah. Status: 10 0 0.
 - Sewickley** 6 minutes ago: Jalan Keningau-Tenom primary way has been modified. Status: 17 59 0.
- Pagination: < 1 2 3 4 5 6 >



Validation tool for OpenStreetMap



v0.62.4

[Guide](#) | [GitHub](#) | [File an issue](#)

Navigation

OSM Cha

- When logged in this window will appear
- To the left is a panel of recent changeset in OSM

The screenshot shows the OSMCha interface with a list of recent changesets. Each changeset entry includes the mapper's name, the time since it was made, a brief description, and a small icon indicating the number of errors and warnings.

Mapper	Time Ago	Description	Errors	Warnings	Actions
bha_nu	6 minutes ago	added and aligned roads	6	2	0
Pgeraghy	6 minutes ago	#hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC	6	2	0
New mapper	6 minutes ago		6	2	0
eggie	6 minutes ago	junction roundabout toegevoegd.. aaccesstags toegevoegd op fietspad	3	9	1
TSL360	6 minutes ago	Ajout lotissement de pavillons Saint Alban	490	4	0
Review requested	6 minutes ago		490	4	0
Zenlvana	6 minutes ago	#hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC #ZDGER2	7	0	0
New mapper	6 minutes ago		7	0	0
VLD152	6 minutes ago	#mapwithai #Vietnam Added residential roads to provide more access	1	0	0

OSMCha BETA

Validation tool for OpenStreetMap



v0.62.4

[Guide](#) | [GitHub](#) | [File an issue](#)



View

Viewing Changesets

- Clicking on the most recent changeset
 - Scope of the changeset will appear in the right window
 - Comment used when submitted with changeset
- To the right is a panel of recent changeset in OSM

The screenshot shows the OSMCha interface. On the left, a list of recent changesets is displayed:

- bha_nu (619 edits) created 6 minutes ago: added and aligned roads. Comment: #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC. Mapper: New mapper. Edits: 6 2 0.
- geraghty (6 edits) created 6 minutes ago: junction roundabout toegevoegd.. aaccesstags toegevoegd op fietspad. Mapper: New mapper. Edits: 6 2 0.
- eggie (9 edits) created 6 minutes ago: ajout lotissement de pavillons Saint Alban. Mapper: Review requested. Edits: 3 9 1.
- TSL360 (490 edits) created 6 minutes ago: Ajout lotissement de pavillons Saint Alban. Mapper: Review requested. Edits: 490 4 0.
- Zenlvana (7 edits) created 6 minutes ago: #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC #ZDGER2. Mapper: New mapper. Edits: 7 0 0.
- VLD152 (7 edits) created 6 minutes ago: #mapwithai #Vietnam Added residential roads to provide more access. Mapper: VLD152. Edits: 7 0 0.

On the right, a detailed view of changeset 81228477 is shown. The changeset was created by bha_nu and includes the comment "added and aligned roads". It was made by bing.mapbox,maxar using JOSM/1.5 (15155 en). Imagery status: Not reported. A purple rectangular box highlights a specific area on a satellite map where new roads have been drawn in yellow and cyan.



View

Digging Deeper in a Changeset

- Able to click down the list to view other recent changesets
- The right window will update accordingly
- Default will be set at ‘Details’
 - Commnet, source, editor, imagery used to make edit
- Can change details from the changeset on this panel

The screenshot shows the OSMCha interface. On the left, a list of recent changesets is displayed:

- bha_nu (6 minutes ago) - added and aligned roads
- Pgeraghy (6 minutes ago) - #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC
- eggie (6 minutes ago) - junction roundabout toegevoegd.. aaccesstags toegevoegd op fietspad
- TSL360 (6 minutes ago) - Ajout lotissement de pavillons Saint Alban
- Zenlvana (6 minutes ago) - #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC #ZDGER2
- VLD152 (6 minutes ago) - #mapwithai #Vietnam Added residential roads to provide more access

A pink arrow points from the 'Details' section of the first changeset (bha_nu) to the 'Details' panel on the right. The 'Details' panel for changeset 81228476 shows the following information:

- DETAILS**: Pgeraghy (2 edits) created 6 minutes ago
- #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC
- SOURCE**: Not reported
- EDITOR**: ID 2.17.2
- IMAGERY**: Custom ((z)/(x)/(y).jpg?connectId=0fa5566b-3797-48cb-8665-df9ebc21be72) <https://services.digitalglobe.com>

The right side of the interface shows a satellite map with a yellow line highlighting a specific area labeled 'T10'. A purple box highlights this area on the map.



View

Looking Through Recent Changesets

- Changesets that have been looked at already will turn gray



- Green - # of new elements
- Yellow - # of modified elements
- Red - # of deleted elements

The screenshot shows the OSMCha interface with a list of recent changesets on the left and a detailed view of a specific changeset on the right.

OSMCha Interface (Left):

- Header:** OSMCha v0.62.4, ggando_lyf
- Filters:** Order by, Filters
- List of Changesets:**
 - bha_nu** 6 minutes ago: added and aligned roads (3 new, 9 modified, 1 deleted)
 - Pgeraghy** 6 minutes ago: #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC (New mapper) (6 new, 2 modified, 0 deleted)
 - eggie** 6 minutes ago: junction roundabout toegevoegd.. aacesstags toegevoegd op fietspad (3 new, 9 modified, 1 deleted)
 - TSL360** 6 minutes ago: Ajout lotissement de pavillons Saint Alban (Review requested) (490 new, 4 modified, 0 deleted)
 - Zenlvana** 6 minutes ago: #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC #ZDGER2 (New mapper) (7 new, 0 modified, 0 deleted)
 - VLD152** 6 minutes ago: #mapwithai #Vietnam Added residential roads to provide more access (1 new, 0 modified, 0 deleted)
- Bottom:** Pagination (1-6), Mapbox logo

Detailed View (Right):

- Changeset:** 81228475
- Details:**
 - eggie** (60276 edits) created 6 minutes ago
 - # junction roundabout toegevoegd.. aacesstags toegevoegd op fietspad
 - SOURCE**: PODOK aerial imagery Beeldmate
 - EDITOR**: JOSM/1.5 (15553 nl)
 - IMAGERY**: nraal.nl 25cm latest
- Map:** A satellite map of a residential area in Arnhem, Netherlands, showing a newly drawn road highlighted in yellow. A purple rectangle highlights the area around the road, and a yellow dot marks the center of the roundabout.
- Bottom:** Mapbox logo, © Mapbox © OpenStreetMap Improve this map © Maxar

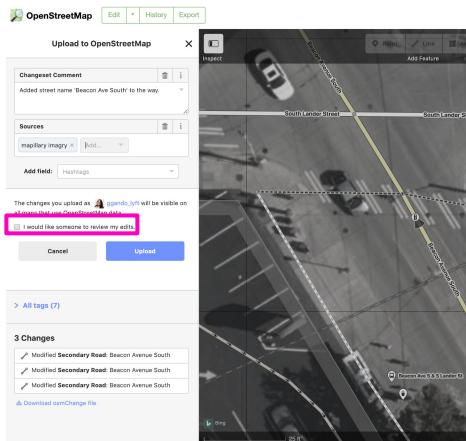


View

Review Requested

• Review Requested

- When you click on this check box when submitting it will add this flag
- Avoid clicking this box when working, task will be QCed internally



OSMCha v0.62.4 ggando_lyf

Order by Filters 354,221 changesets.

bha_nu 6 minutes ago added and aligned roads 81228477 6 2 0

Pgeraghy 6 minutes ago #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC New mapper 81228476 66 2 0

eggie 7 minutes ago junction roundabout toegevoegd.. aaccesstags toegevoegd op fietspad 81228475 3 9 1

TSL360 7 minutes ago Ajout lotissement de pavillons Saint Alban Review requested 81228474 490 4 0

Zenlvana 6 minutes ago #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC #ZDGER2 New mapper 81228473 7 0 0

VLD152 6 minutes ago #mapwithai #Vietnam Added residential roads to provide more access

Changeset: 81228474 Open with ▾

DETAILS TSL360 (136 edits) created 7 minutes ago Ajout lotissement de pavillons Saint Alban Translate ↗

New footway created Review requested

SOURCE cadastre EDITOR iD 2.17.2 IMAGERY Cadastre;BDOrtho IGN

The screenshot shows the OSMCha interface with a changeset details page for ID 81228474. The changeset was created 7 minutes ago by user TSL360 and contains 136 edits. It is titled "Ajout lotissement de pavillons Saint Alban". The status "Review requested" is highlighted with a red box. The map view shows a residential area with a purple bounding box around a specific building complex. The map includes various layers such as cadastre, BDOrtho, and IGN imagery.



View

New Mapper

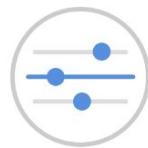
- **New Mapper**
 - The first few changeset a new OSM user will submit will be given this tag
 - Reminder to be cautious with the first few changesets you submit

The screenshot shows the OSMCha interface. On the left, a list of recent changesets is displayed:

- bha_nu - 6 minutes ago: added and aligned roads. Changeset ID: 81228477. Rating: 6 2 0.
- Pgeraghy - 6 minutes ago: #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC. Changeset ID: 81228476. Rating: 6 2 0.
- eggie - 7 minutes ago: junction roundabout toegevoegd.. aaccesstags toegevoegd op fietspad. Changeset ID: 81228475. Rating: 3 9 1.
- TSL360 - 9 minutes ago: Ajout lotissement de pavillons Saint Alban. Changeset ID: 81228474. Rating: 490 4 0. Status: Review requested.
- Zenlvana - 9 minutes ago: #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC #ZDGER2. Changeset ID: 81228473. Rating: 7 0 0. Status: New mapper.
- VLD152 - 6 minutes ago: #mapwithai #Vietnam Added residential roads to provide more access. Changeset ID: 81228472. Rating: 7 0 0.

On the right, a detailed view of changeset 81228473 is shown. The changeset was created by Zenlvana (7 edits) 9 minutes ago. It includes hashtags: #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC #ZDGER2. The details section shows: SOURCE Not reported, EDITOR iD 2.17.2, and IMAGERY Custom ((z)/(x)/(y).jpg?connectId=0fa5566b-3797-48cb-8665-df9ebc21be72) https://services.digitalglobe.com/m. The map view shows a cyan-polygons drawn over satellite imagery.

Filtering



Filter

Accessing Filters

- Click on **Filters** button
- And the Filter Setting will be opened on the right
 - This will replace the map

The screenshot shows the OSMCha interface. On the left, a list of recent changesets is displayed, each with a mapper name, timestamp, description, and activity counts (green, yellow, red). On the right, a large pink box highlights the 'Filters' sidebar. The sidebar contains sections for 'Basic' filtering (Date, Comment, Location), a 'mapbox' map, and advanced options like 'Bounding Box (BBox)' and 'BBox size bound'.

OSMCha
v0.62.4
Order by: ggando_lyf
354,221 changesets.

bha_nu 6 minutes ago
added and aligned roads
81228477 6 2 0

Pgeraghty 6 minutes ago
#hotosm-project-7928 #MAPampanga
#HOTPH #PhilAware #PDC
New mapper 81228476 66 2 0

eggie 7 minutes ago
junction roundabout toegevoegd.. aaccesstags
toegevoegd op fietspad
81228475 3 9 0

TSL360 9 minutes ago
Ajout lotissement de pavillons Saint Alban
Review requested 81228474 490 4 0

Zenlvana 9 minutes ago
#hotosm-project-7928 #MAPampanga
#HOTPH #PhilAware #PDC #ZDGER2
New mapper 81228473 7 0 0

VLD152 6 minutes ago
#mapwithai #Vietnam Added residential roads
to provide more access

Filters Save Reset Apply X

Basic

Date: 2020-02-12 To:

Comment: Enter a keyword like hotosm, import or fixme

Location: Any Type a place on the world

Clear All

mapbox

Bounding Box (BBox)

Pan to the location of interest in the map

BBox size bound: Upper bound of bbox area



Filter

Basic

- **Dates**
 - Input date range
- **Comment**
 - Filter changesets that mention a particular keyword in its comment. This is not case-sensitive.
- **Location**
 - Filter changesets whose bbox intersect with a location boundary.
- **Bounding Box (BBox)**
 - A map will appear, draw a bounding box. Coordinates will automatically update.
- **BBox size bound**
 - Filter changesets that have a bbox area lower than X times the area of your BBox or geometry filter. For example, if the geometry you defined in your filter has an area of 1 degree and you set the 'BBox size bound' to 2, it will filter the changesets whose bbox area is lower than 2 degrees.

OSMCha v0.62.4

Order by Filters

354,221 changesets.

bha_nu 6 minutes ago
added and aligned roads
81228477 6 2 0

Pgeraghty 6 minutes ago
#hotosm-project-7928 #MAPampanga
#HOTPH #PhilAware #PDC
New mapper 81228476 66 2 0

eggie 7 minutes ago
junction roundabout toegevoegd.. aaccesstags
toegevoegd op fietspad
81228475 3 9 1

TSL360 9 minutes ago
Ajout lotissement de pavillons Saint Alban
Review requested 81228474 490 4 0

Zenlvana 9 minutes ago
#hotosm-project-7928 #MAPampanga
#HOTPH #PhilAware #PDC #ZDGER2
New mapper 81228473 7 0 0

VLD152 6 minutes ago
#mapwithai #Vietnam Added residential roads
to provide more access

Basic

Date
2020-02-12

Comment
Enter a keyword like hotosm, import or fixme

Location
Any Type a place on the world

Bounding Box (BBox)
Pan to the location of interest in the map

BBox size bound
Upper bound of bbox area



Filter

Flags

- **Show Flagged**

- Choose to view all changesets that have been flagged, not flagged or all.

- **Reasons for Flagging**

- Select one or multiple reasons that a changeset might be flagged for.

OSMCha v0.62.4 ggando_lyf Filters

354,221 changesets.

bha_nu 6 minutes ago added and aligned roads 81228477 6 2 0

Pgeraghty 6 minutes ago #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC New mapper 81228476 6 2 0

eggie 7 minutes ago junction roundabout toegevoegd.. aaccesstags toegevoegd op fietspad 81228475 3 9 1

TSL360 9 minutes ago Ajout lotissement de pavillons Saint Alban Review requested 81228474 490 4 0

Zenlvana 9 minutes ago #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC #ZDGER2 New mapper 81228473 7 0 0

VLD152 6 minutes ago #mapwithai #Vietnam Added residential roads to provide more access 81228472 1 0 0

← 1 2 3 4 5 6 →

Filters Save Reset Apply X

Flags

Show Flagged yes / no

Reasons for Flagging OR AND Start typing to pick reasons

Review

Review Status Filter by the type of review

Review Date From To

Reviewed by Enter OSM usernames

Tags OR AND Add tags

Users & Teams

Users Enter OSM usernames



Filter

Review

- **Review Status**
 - Drop Down List
 - Filter for changesets that have been manually reviewed and marked (either good or bad)
- **Review Date**
 - Set the date range to view changesets reviewed within that duration.
- **Review by**
 - Filter changesets that were reviewed by a user. Start typing to select one or more users. This filter requires authentication to work.
- **Tags**
 - Drop Down List
 - Filter changesets that have one or more manually assigned Tags. Start typing to select tags.

The screenshot shows the OSMCha interface. On the left, there's a list of changesets from various users like bha_nu, Pgeraghty, eggie, TSL360, Zenlvana, and VLID152, each with a timestamp and a small stats box. On the right, there's a 'Filters' panel with sections for 'Flags', 'Review', 'Reviewed by', 'Tags', and 'Users & Teams'. The 'Review' section is highlighted with a pink border and contains dropdown menus for 'Review Status', 'Review Date', and 'Reviewed by', along with a 'Tags' section and a 'Users & Teams' section at the bottom.



Filter

User & Teams

- **User**

- Show changesets created by the users.
Start typing to select one or more users.

- **Hide trusted users**

- If Yes, it will exclude the changesets created by users that you added to your trusted users list

- **Watchlisted users**

- If Yes, it will Filter changesets created by users that you added to your Watchlist.

- **Mapping teams**

- Show changesets created by users that are part of a Mapping Team. Start typing to select one or more teams.

- **Hide mapping teams**

- Exclude changesets created by users that are part of a Mapping Team. Start typing to select one or more teams.

- **Hide verified mapping teams**

- If Yes, it will exclude the changesets created by users that are part of verified mapping teams

OSMCha v0.62.4 ggando_lyf Filters 354,221 changesets.

User	Changesets	Created
bha_nu	6 2 0	6 minutes ago added and aligned roads 81228477
Pgeraghty	6 2 0	6 minutes ago #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC New mapper 81228476
eggie	3 9 1	7 minutes ago junction roundabout toegevoegd.. aaccesstags toegevoegd op fietspad 81228475
TSL360	490 4 0	9 minutes ago Ajout lotissement de pavillons Saint Alban Review requested 81228474
Zenlvana	7 0 0	9 minutes ago #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC #ZDGER2 New mapper 81228473
VLD152	6 0 0	6 minutes ago #mapwithai #Vietnam Added residential roads to provide more access 81228472

Filters Save Reset Apply X

Users & Teams

Users
Enter OSM usernames

Hide trusted users
Exclude changesets created by trusted users

Watchlisted users
Filter changesets created by users from you

Mapping teams
Enter mapping teams

Hide mapping teams
Enter mapping teams

Hide verified mapping teams
Exclude changesets created by users from v.

Changeset Details

Objects Created
from to

Objects Modified



Filter

Changeset Details

• Objects Created

- Filter changesets whose number of elements created are greater than or equal to and/or lesser than or equal to a number.

• Objects Modified

- Filter changesets whose number of elements modified are greater than or equal to and/or lesser than or equal to a number.

• Objects Deleted

- Filter changesets whose number of elements deleted are greater than or equal to and/or lesser than or equal to a number.

• Source

- Filter changesets by text in its source field. This is not case-sensitive.

OSMCha v0.62.4 ggando_lyf

Order by Filters 354,221 changesets.

bha_nu 6 minutes ago added and aligned roads 81228477 6 2 0

Pgeraghty 6 minutes ago #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC New mapper 81228476 66 2 0

eggie 7 minutes ago junction roundabout toegevoegd.. aaccesstags toegevoegd op fietspad 81228475 3 9 1

TSL360 9 minutes ago Ajout lotissement de pavillons Saint Alban Review requested 81228474 490 4 0

Zenlvana 9 minutes ago #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC #ZDGER2 New mapper 81228473 7 0 0

VLD152 6 minutes ago #mapwithai #Vietnam Added residential roads to provide more access

Filters Save Reset Apply

Exclude changesets created by users from v. .

Changeset Details

Objects Created from to

Objects Modified from to

Objects Deleted from to

Source eg. Bing, Local

Editor eg. iD, JOSM

Imagery used eg. Bing, Mapbox

Changeset IDs Enter Changeset IDs

Order by Ascending/Descending



Filter

Changeset Details

- **Editor**
 - Filter changesets by text in its source field. This is not case-sensitive.
- **Imagery used**
 - Filter changesets by text in its imagery_used field. This is not case-sensitive.
- **Changeset IDs**
 - Filter changesets by its ID. Use commas to search for more than one id.
- **Order by**
 - Order the Changesets by one of the following fields: id, date, check_date, create, modify or delete. Use a minus sign (-) before the field name to reverse the ordering. Default ordering is '-id'.

OSMCha v0.62.4 ggando_lyf

Order by Filters 354,221 changesets.

bha_nu 6 minutes ago added and aligned roads 81228477 6 2 0

Pgeraghty 6 minutes ago #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC New mapper 81228476 6 6 2 0

eggie 7 minutes ago junction roundabout toegevoegd.. aaccesstags toegevoegd op fietspad 81228475 3 9 1

TSL360 9 minutes ago Ajout lotissement de pavillons Saint Alban Review requested 81228474 490 4 0

Zenlvana 9 minutes ago #hotosm-project-7928 #MAPampanga #HOTPH #PhilAware #PDC #ZDGER2 New mapper 81228473 7 0 0

VLD152 6 minutes ago #mapwithai #Vietnam Added residential roads to provide more access

Filters Save Reset Apply

Exclude changesets created by users from v.2

Changeset Details

Objects Created from to

Objects Modified from to

Objects Deleted from to

Source eg. Bing, Local

Editor eg. iD, JOSM

Imagery used eg. Bing, Mapbox

Changeset IDs Enter Changeset IDs

Order by Ascending/Descending

Filter Example



Filter Example

Example: Filtering out edits made by ggando_lyft in the last year

- Filter out the dates
 - Picking out the window that represents the last year

The screenshot shows the OSMCha web application interface. On the left, a list of recent changesets is displayed, each with a user name, timestamp, and a small preview of the changes. A pink arrow points from the text "Picking out the window that represents the last year" to the date range selector in the filter panel. The filter panel is divided into sections: Basic, Date, Comment, Location, and Bounding Box (BBox). The Date section contains two date pickers set to "2019-02-19" and "2020-02-19", with a note explaining they set the date range for changesets created during that duration. Below the date range is a monthly calendar for February 2020, where the 19th is highlighted. The Location section includes a world map and a "Clear All" button. The Bounding Box (BBox) section has a text input field for "Pan to the location of interest in the map". The BBox size bound section has a text input field for "Upper bound of bbox area".



Filter

Users and Submit Filters

- User & Teams
 - Type in the user name to be filter for
 - For this example type 'ggando_lyft'
 - Click
- Once all filters are in place, click on the **Apply** button to the top right corner

The screenshot shows the OSMCha interface with a list of recent changesets on the left and a 'Filters' sidebar on the right.

OSMCha v0.62.4 - Order by: Filters - 355,019 changesets.

Changesets List:

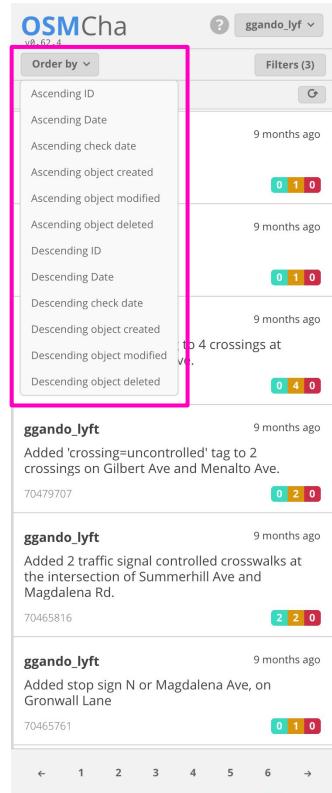
- GoldenGatePark - 6 minutes ago: Adjusted the alignment of residential and unclassified ways. Changesets: 32 163 9
- nari_malla - 6 minutes ago: edited roads. Changesets: 4 7 1
- houston_mapper1 - 6 minutes ago: woodfield oh rapid cleanup. Changesets: 315 22 1
- KirtishoGlacier - 6 minutes ago: Improved the alignment of residential ways. Changesets: 108 61 1
- PkBuzios - 6 minutes ago: Adicionado detalhes. Changesets: 0 1 0
- gamri - 6 minutes ago: #PRIQH2 possible import. Changesets: 2411 0 0
- acrage - 6 minutes ago: Acregado geométrica faltante utilizando datos. Changesets: 0 0 0

Filters Sidebar:

- Users**: ggando_lyft (selected) - Show changesets created by the users. Start typing to select one or more users.
- Hide trusted users**: Exclude changesets created by trusted users.
- Watchlisted users**: Filter changesets created by users from you.
- Mapping teams**: Enter mapping teams.
- Hide mapping teams**: Enter mapping teams.
- Hide verified mapping teams**: Exclude changesets created by users from v.
- Changeset Details**
- Objects Created**: from _____ to _____
- Objects Modified**: from _____ to _____

Ordering

- Many different options for ordering the filter results



The screenshot shows the OSMCha web application interface. A dropdown menu titled 'Order by' is open, listing various ordering options such as 'Ascending ID', 'Descending ID', etc. The main area displays a list of recent changes made by user 'ggando_lyft'. Each change entry includes the author, timestamp, a brief description, and a small status indicator bar. The entire 'Order by' dropdown menu is highlighted with a pink rectangular border.

Author	Date	Description	Status
ggando_lyft	9 months ago	Added 'crossing=uncontrolled' tag to 2 crossings on Gilbert Ave and Menalto Ave.	0 1 0
ggando_lyft	9 months ago	Added 2 traffic signal controlled crosswalks at the intersection of Summerhill Ave and Magdalena Rd.	0 2 0
ggando_lyft	9 months ago	Added stop sign N or Magdalena Ave, on Gronwall Lane	0 1 0



v0.62.4

[Guide](#) | [GitHub](#) | [File an issue](#)



View

View Filter Results

- Click on a changeset
- When only 1 element is being modified and no other changes are being made

0 1 0

- More details about that specific element and how it was modified will be displayed

The screenshot shows the OSMCha interface. On the left, a list of changesets is displayed, each with a timestamp, author, and a small status bar (e.g., 0 1 0). Changeset 70755252 is selected. On the right, a detailed view of this changeset is shown. It includes a map of Palo Alto Ave and Central Ave, a 'DETAILS' section with information about the changes, and two expanded tables: 'NODE: 1285555556' and 'TAG DETAILS'. A pink arrow points from the 'More details about that specific element and how it was modified will be displayed' text to the 'TAG DETAILS' table.

DETAILS

ggando_lyft (1019 edits) created 9 months ago
Updated stop sign

SOURCE: Mapbox Satellite EDITOR: JOSM/1.5 (14760 en)
IMAGERY: Not reported

NODE: 1285555556

version	2	3
timestamp	2019-05-20T20:24:48Z	2019-05-30T04:54:58Z
changeset	70455161	70755252
uid	8393298	8393298
user	ggando_lyft	ggando_lyft

TAG DETAILS

direction	forward
stop	minor
crossing	minor
highway	stop
traffic_sign	stop



Changeset With Only 1 Modified Element

- Able to access the history for this modified element
- Choice of which website to view OSM history
 - OSM
 - Deep History
 - PeWu

The screenshot illustrates the OSMCha interface, a tool for visualizing changesets in OpenStreetMap. On the left, a list of changesets is shown, each with a timestamp, author, and a summary of modifications. The first changeset, 'ggando_lyft' at version 9 months ago, is highlighted. On the right, a detailed view of this changeset shows a map of a street with a stop sign. A specific node is selected, and its details are shown in a modal. The modal includes fields for version, timestamp, changeset, uid, user, and a 'History' dropdown menu. Below the modal, 'TAG DETAILS' are listed for the selected node.

CHANGESET HISTORY

- ggando_lyft 9 months ago
Removed crossings that were unmarked and had no lowered kerb.
70755339 (0 2 4)
- ggando_lyft 9 months ago
Updated stop sign
70755258 (0 1 0)
- ggando_lyft 9 months ago
Updated stop sign
70755252 (0 1 0)
- ggando_lyft 9 months ago
Added 'kerb=lowered' tag to 4 crossings at Gilbert Ave adn Central Ave.
70479757 (0 4 0)
- ggando_lyft 9 months ago
Added 'crossing=uncontrolled' tag to 2 crossings on Gilbert Ave and Menalto Ave.
70479707 (0 2 0)
- ggando_lyft 9 months ago
Added 2 traffic signal controlled crosswalks at the intersection of Summerhill Ave and Magdalena Rd.
70465816 (2 2 0)

CHANGESET DETAILS

Changeset: 70755252

DETAILS

ggando_lyft (1019 edits) created 9 months ago

Updated stop sign

SOURCE Mapbox Satellite EDITOR JOSM/1.5 (14760 en)

IMAGERY Not reported

NODE: 1285555556

version	2
timestamp	2015-02-12T03:54:58Z
changeset	70755161
uid	8393298
user	ggando_lyft

TAG DETAILS

direction	forward
stop	minor
crossing	minor
highway	stop
traffic_sign	stop

© Mapbox © OpenStreetMap Improve this map © Maxar



Verify

Accessing OSM Deep History

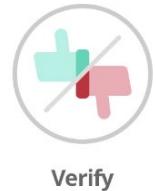
- Clicking on Deep History
- Opens a new tab with the element id already inputted into OSM Deep History
- Similar action would occur if you chose OSM
 - OSM History of selected element would open in a new tab

OSM Deep History
View history of objects in OpenStreetMap

Node 1285555556 Get History Show More

Version	1	export	2	export
Time	May 14, 2011 8:10 PM		May 20, 2019 1:24 PM	
Changeset	8147466		70455161	
User	oldtopos		ggando_lyft	
Lat	37.4563533		37.4563533	
Lon	-122.1534672		-122.1534672	
Tags				
crossing				minor
direction				
highway	stop			stop
stop				
traffic_sign				stop

Leaflet © OpenStreetMap contributors



Open Feature in an Editor

- When only one element was modified more information will be displayed
- In this box you can open the feature with
 - JOSM
 - If remote control access is granted, element will download into JOSM
 - iD
 - Opens a new tab with element selected in iD editor

The screenshot shows the OpenStreetMap Changeset page for changeset 70755252, which was created 9 months ago by ggando_lyft. The changeset details show an updated stop sign. Below the changeset details, the iD editor interface is visible. The 'Open feature' dropdown menu is highlighted with a pink border. The 'version' field in the main table is also highlighted. The 'TAG DETAILS' table at the bottom shows the following data:

	direction	stop
stop	forward	minor
crossing	minor	
highway	stop	stop
traffic_sign	stop	stop

Below the editor, the URL https://www.openstreetmap.org/edit?editor=id&node=1285555556 is shown.



Reviewing Changesets

- More common are changesets with multiple elements being created, modified, and deleted
- The main way to understand what was changed is the changeset comment
 - Reminder:** that descriptive changeset comments are useful for future

OSMCha v0.62.4 ggando_lyft

Order by Filters (3)

551 changesets.

ggando_lyft 9 months ago
Removed crossings that were unmarked and had no lowered kerb.
70755339 0 2 4

ggando_lyft 9 months ago
Updated stop sign
70755258 0 1 0

ggando_lyft 9 months ago
Updated stop sign
70755252 0 1 0

ggando_lyft 9 months ago
Added 'kerb=lowered' tag to 4 crossings at Gilbert Ave adn Central Ave.
70479757 0 4 0

ggando_lyft 9 months ago
Added 'crossing=uncontrolled' tag to 2 crossings on Gilbert Ave and Menalto Ave.
70479707 0 2 0

ggando_lyft 9 months ago
Added 2 traffic signal controlled crosswalks at the intersection of Summerhill Ave and Magdalena Rd.
70465816 2 2 0

Changeset: 70479757 Open with Verify

DETAILS ggando_lyft (1019 edits) created 9 months ago
Added 'kerb=lowered' tag to 4 crossings at Gilbert Ave adn Central Ave.
SOURCE Mapbox Satellite EDITOR JOSM/1.5 (14760 en) IMAGERY Not reported

Central Ave
Gilbert Ave
Central Ave
Gilbert Ave
Central Ave
Central Ave

mapbox © Mapbox © OpenStreetMap Improve this map © Maxar

Reset Filters

Reset Filters

- Finished verifying or a need a new filter
- Click the **Reset** Button at the top right corner
 - All filter setting will be cleared

The screenshot shows the OSMCha web application interface. On the left, a list of changesets is displayed, each with a user name (ggando_lyft), timestamp (9 months ago), and a brief description of the edit. To the right of the list are various filter settings:

- Filters**: A header with Save, Reset (highlighted with a pink box), and Apply buttons.
- Basic**:
 - Date**: Two date pickers set from 2019-02-19 to 2020-02-19.
 - Comment**: A text input field with placeholder "Enter a keyword like hotosm, import or fixme".
 - Location**: A dropdown menu set to "Any" and a map view showing the world map with a search bar "Type a place on the world".
- Bounding Box (BBox)**: A text input field with placeholder "Pan to the location of interest in the map".
- BBox size bound**: A text input field with placeholder "Upper bound of bbox area".

Lyft Team

Lyft Team

- Just a note we are a organized group of editors
- It is possible to filter out changeset made by Lyft

The screenshot shows the OSMCha interface, a tool for monitoring changes to OpenStreetMap. On the left, a list of recent changesets is displayed, each with a user name, timestamp, a brief description, and a small icon indicating the type of change (e.g., buildings, roads). A pink arrow points from the text "It is possible to filter out changeset made by Lyft" to the "Mapping teams" section on the right.

OSMCha v0.62.4

Order by 355,546 changesets.

Users & Teams

Users
Enter OSM usernames

Hide trusted users
Exclude changesets created by trusted users

Watchlisted users
Filter changesets created by users from you

Mapping teams
Lyft
Show changesets created by users that are part of a Mapping Team. Start typing to select one or more teams.

Changeset Details

Objects Created
from to

Objects Modified
from to



Thank you