

# Site and infrastructure updates, February 2023 Edition.

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Finally! Another blog post full of our love from the digital world! We are almost running out of scheduled blog posts, but don't worry, we're going to fill it up soon.

And here's a summary of all the changes:

1. [Reinhart's getting done on his Thesis.](#)
2. [We'll be physically shifting next week!](#)
3. [We're planning to rebrand \(#\\_\), the company.](#)
4. [Reinhart Maps: Full support for Mapcode code imports.](#)
5. [Reinhart Maps: Improved support for Open Location Codes / Plus Codes import.](#)
6. [Reinhart Maps: Optional "Address" field.](#)
7. [Reinhart Maps: Choose how would you open your location in your map apps.](#)
8. [Reinhart Maps: Support for Google Maps shortlinks.](#)
9. [Reinhart Maps: Support for Streetdirectory.com link imports.](#)
10. [No need to copy-and-paste, now you can share map links DIRECTLY to Reinhart Maps!](#)
11. [Upgraded our Ubuntu servers from 20.04 to 22.04!](#)
12. [roothouse-1 and roothouse-3 are back!](#)
13. [Upgraded our Fediverse instance to Misskey 13!](#)
14. [A new feature for our MSJ admin Telegram Bot!](#)

## It's the toughest month yet, we guessed.

Why, because we're preparing for one our shiftiest moments in 2023. To name a few...

### 1. Reinhart's getting done on his Thesis.

Even though we're facing some delays, today we have secured at least **133** (previously 86 last week) **out of 166 important things** to do before our final submission. We're getting closer to the finish line!

Check out <https://skripsi.reinhart1010.id> to see our latest progress!

Udah kelar Skripsi belum?

# dan tidak hanya itu...

100% sebelum proposal diterima (A-B),  
 75% sebelum pengumpulan softcover (C-E),  
 10% sebelum sidang (F-H),  
 0% sebelum pengumpulan tahap akhir (I-K),  
 0% sebelum wisuda (L-M).

Legenda: **Tugas Penting** • 🤝 Sedang ditahan • 👍 Sedang dikerjakan

A. Rancang Produknya! (100%)	E. Buat Papernya (86/163 ✓, 53%)	I. Revisi Pascasidang (0%)
<ul style="list-style-type: none"> <li>Tinjauan pustaka terhadap penelitian terdahulu ✓</li> <li>Penelitian aplikasi sejenis ✓</li> </ul>	Informasi lebih lanjut untuk <i>progress</i> paper dapat dilihat di sini.	<ol style="list-style-type: none"> <li>Penggantian judul (bila ada)</li> <li>Penulisan ulang (bila ada)</li> <li>Persetujuan revisi (bila ada)</li> </ol>
	<b>F. Sertifikasi</b>	

## 2. We'll be physically shifting next week!

One of our head offices (read: a cluster of PCs and Raspberry Pi-like devices over the Reinhart's house) are moving towards a different place sooner or later.

This migration is already happening, and I can't be less excited for this! And if you're looking for some hints, here's a video from GMS Jabodetabek for it:

<https://www.youtube.com/watch?v=eiknvwYdAmQ>

## 3. We're planning to rebrand (#\_ ), the company.

What? (#\_)? Yeah, the company at <https://rootverse.reinhart1010.id> will be replaced with a new one, taking a fresh concept for everyone to enjoy our works and products!

But, well, we can't be less excited to share some details for this. Instead of building a "company that does !exist" (pun intended), we're rebranding ourselves as **the world's first vHackers (virtual hackers)** that is, like VTubers, don't exist in real life, but unlike them, we code and hack, not doing those frequent streams.

## An even better Reinhart Maps.

At the end of January, we further improved [Reinhart Maps](#) to add these new great features:

### 4. Full support for Mapcode code imports.

That's right! Thanks for their open API, you can import a Mapcode code to automatically generate coordinates and create new map links.

This feature is currently unavailable on "Automatically detect URLs and coordinates" option.

### 5. Improved support for Open Location Codes / Plus Codes import.

We implemented the OLC import support by using OpenStreetMap's geocoding service, so you can import codes like **VMF3+59 Banten** to Reinhart Maps.

However, Google Maps often generates codes with more detailed hints. For example, the location of the Soekarno-Hatta International Airport is **VMF3+59 Pajang, Tangerang City, Banten**. Sometimes, OpenStreetMap are unable to parse this longer address, which puts a halt into our OLC import.

Some people are reporting this issue to us, even though there's a workaround to omit the village, district, and even the city names in order to work. But now, **Reinhart Maps can do that automatically**, so it will search for:

1. **Pajang, Tangerang City, Banten**
2. **Tangerang City, Banten**, if the earlier does not work
3. **Banten**, if the earlier does not work

so you can now import these codes even faster!

### 6. Optional "Address" field.

If you're sharing from Apple Maps, you'll notice that the links do contain place names and address in different parts of the URL. Today, we're excited to announce **separate fields** for inputting your place name or address. And here's why we made that decision:

### 7. Choose how would you open your location in your map apps.

## ADVANCED



Open in Maps as...

Tunjungan Plaza, Tunjungan Plaza, Jalan Jem

Some apps may either have difficulties searching for places or you can choose to open a place by searching for specific names or exact coordinates.

Share



FINI  
P

Tunjungan Plaza,  
Tunjungan Plaza, Jalan  
✓ Jenderal Basuki Rachmat  
No. 107, Surabaya, East  
Java 60261, Indonesia

(-7.262399, 112.738576)

Tunjungan Plaza

Tunjungan Plaza, Jalan  
Jenderal Basuki Rachmat  
No. 107, Surabaya, East  
Java 60261, Indonesia

Tirelessly coded by [Reinhard Pratomo Reinhard](#)

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Reinhard Maps always attempts to trigger a map search instead of pinpointing your favorite map apps to show places in specific coordinates. This is useful for map apps which supports rich place data, such as the place's contact information, photos, and reviews.



Ad · Booking.com - Hotels Nearby  
Places to stay near Tunjungan Mall  
[Book Now · www.booking.com/](http://www.booking.com/)



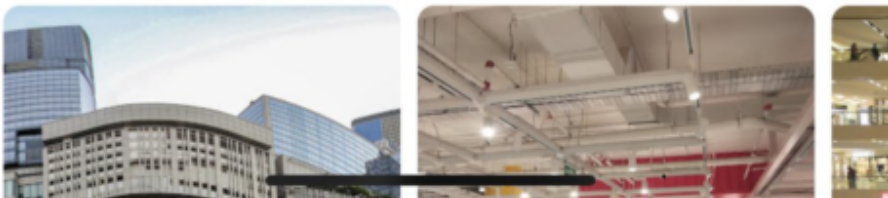
## Tunjungan Plaza

4,7 ★★★★★ (82.339)

Shopping mall

Open · Closes 22:00

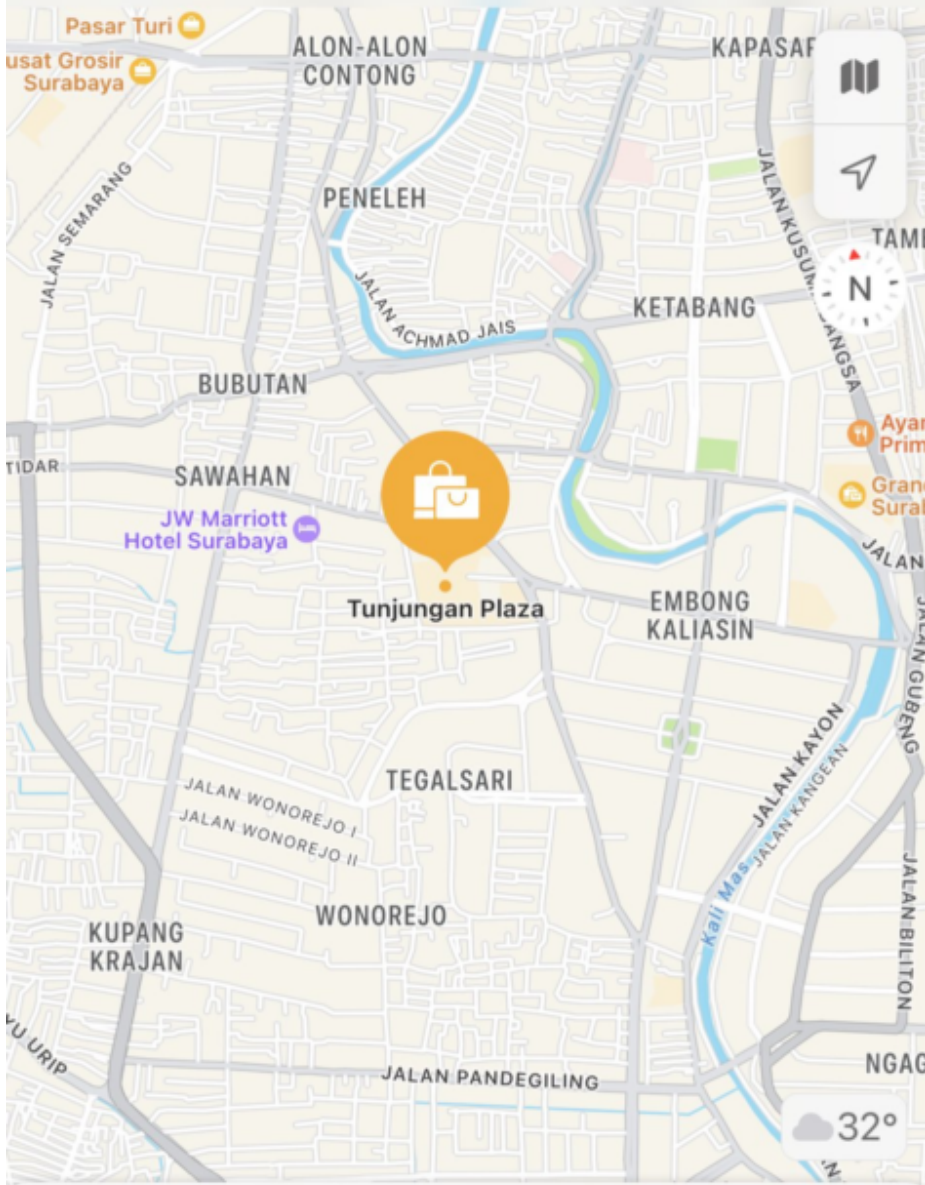
- [Directions](#)
- [Call](#)
- [Directory](#)
- [Save](#)





12.55

79

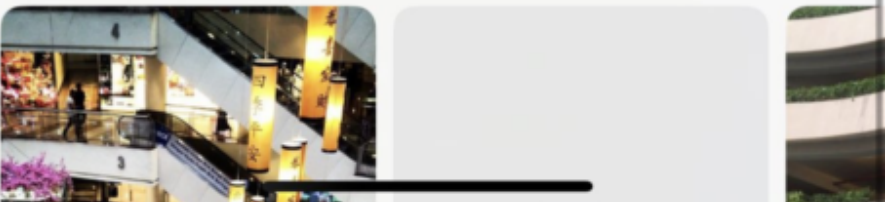


# Tunjungan Plaza

Shopping Centre

9h 34m    Call    Website    More

HOURS: Open    TRIPADVISOR (1,3K): ★ 4,5    DISTANCE: 793 km

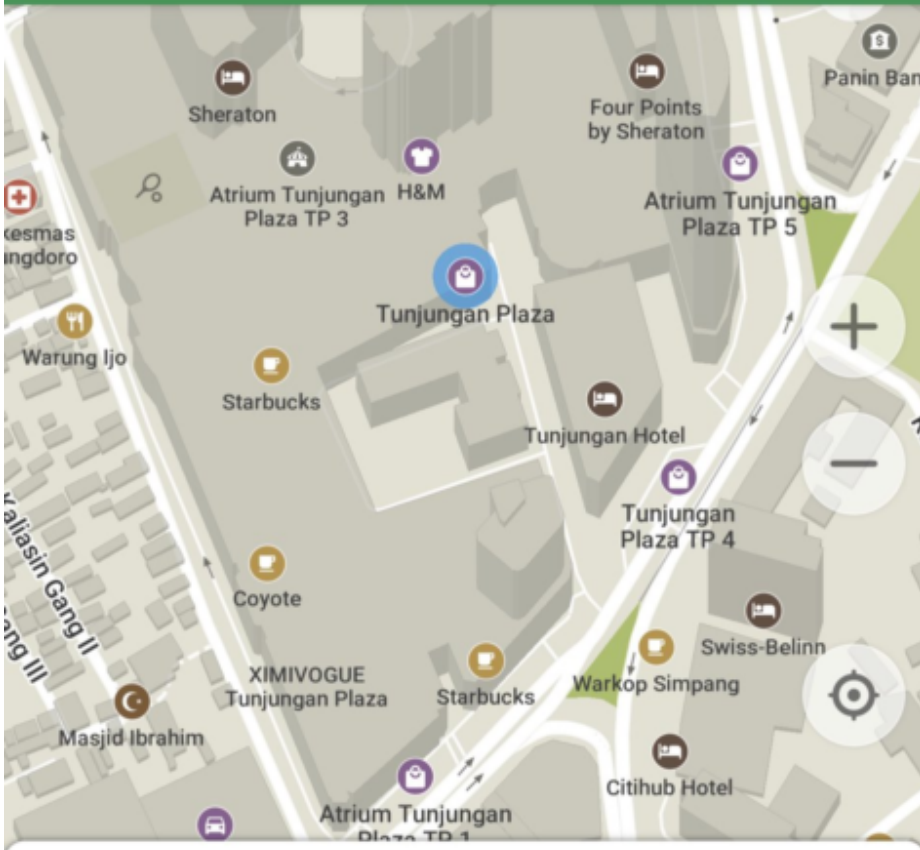


12.55

79

tunjungan plaza

Cancel



## Tunjungan Plaza

Mall •

↑ 669 km

Open • Closes at 22.00

**Tunjungan Plaza ( TP )** is a superblock in Surabaya and is the second-largest shopping center in Indonesia after Pakuwon Mall, both owned-and-operated by Pakuwon Jati which has its headquarters inside the superblock. Initially inaugurated in 1986, it has a net leaseable area of 253,187 m<sup>2</sup>, which houses more than 500 retail outlets including boutiques, restaurants, cafes, cinemas, bookstores, supermarkets, and [...more](#)



Call



Save



Route to



More



## Tunjungan Plaza

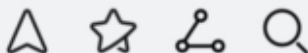
Open · 668 km · Shopping Center

4.7 ★★★★★ (76.574)



Uluwatu Store

[DIRECTIONS](#)





But sure, not every map app have updated places and data, and this could mislead users to wrong location compared to the ones shown in Reinhart Maps.

That's why we decided to let you choose to search and show these places, either by name, address, or direct coordinates!

## 8. Support for Google Maps shortlinks.

Before, it is not possible to import Google Maps shortlinks like **maps.app.goo.gl** and **goo.gl/maps** into our app. Now it's possible without having you to copy-paste the Plus Codes field. Hooray!

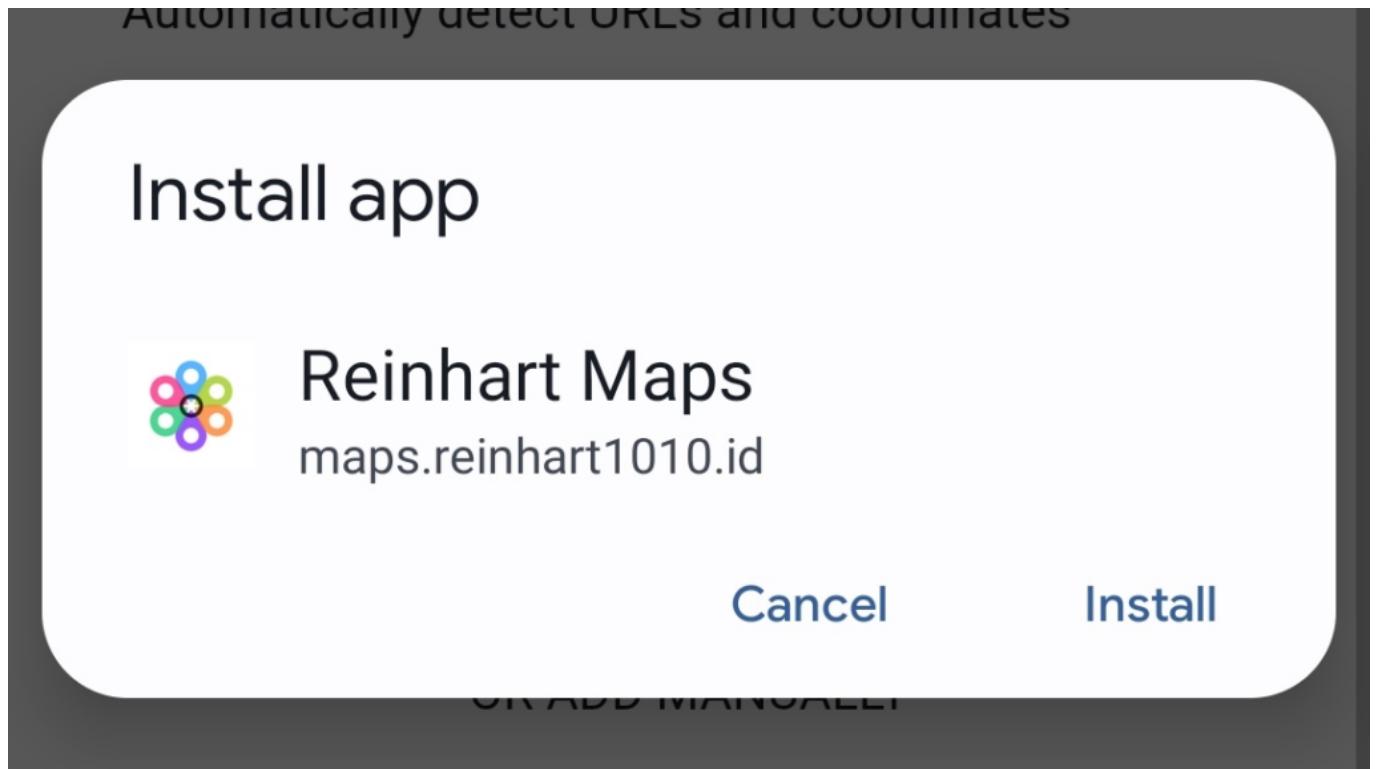
## 9. Support for Streetdirectory.com link imports.

For those who are living in Singapore and Malaysia: Links for your good-old, favorite "offline maps" app can also be imported into Reinhart Maps!

Note that as of now, we are unable to open Reinhart Maps links back to Streetdirectory.

## 10. No need to copy-and-paste, now you can share map links DIRECTLY to Reinhart Maps!

If you're installing Reinhart Maps as a **Progressive Web App (PWA)** from Chrome, please reinstall the app to enable this feature.



What we are trying to say that in [supported web browser apps](#), or by using [this Shortcut](#) for your iPhone or iPad, you can directly install our app and share links from Google Maps, Waze, and so on directly to Reinhart Maps!

This is also possible because our app now supports the `?q=` parameter to place the inputs. Another good tip for those tinkerers.

## Some infrastructure updates

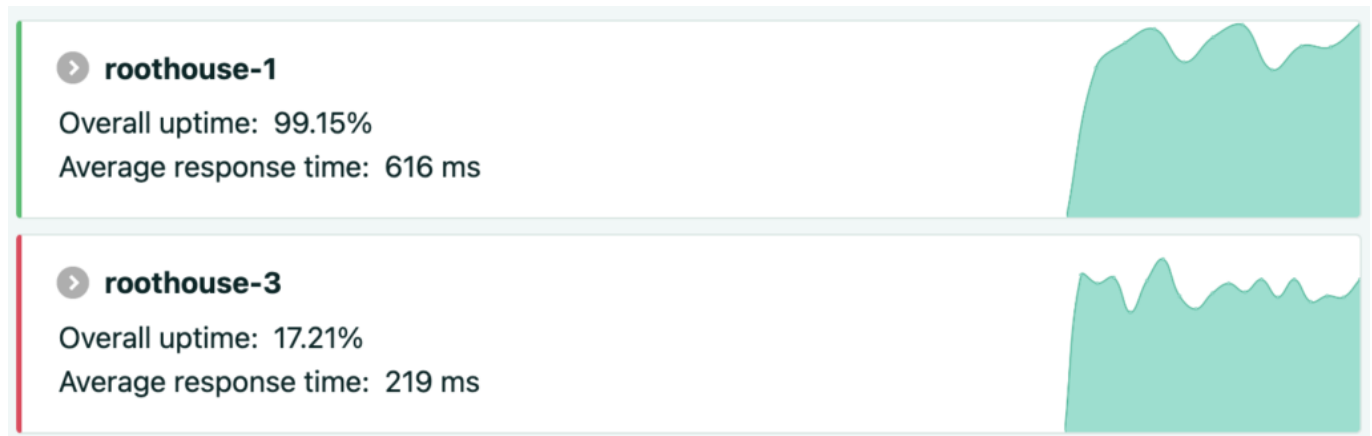
These announcements might be boring, but feel free to read:

### 11. Upgraded our Ubuntu servers from 20.04 to 22.04!

Yep, that also includes our roothouses as well our DigitalOcean VPS running our Fediverse instance.

### 12. roothouse-1 and roothouse-3 are back!

We decided to reactivate the roothouse checker for both devices, after months of being inactive. But beware: they won't be as active as 24/7 for now as there's currently no other task other than helping BINUS Today.



### 13. Upgraded our Fediverse instance to Misskey 13!

You shouldn't see much difference when viewing our posts on your instances, though. But we're doing this to improve security and enabling new features!

### 14. A new feature for our MSJ admin Telegram Bot!



GMS MSJ Admin bot

bot



/convertnohp 080989999 +62809-899-99

17:45 ✓✓

+6280989999

+6280989999 17:45

⚠️ **PENTING:** Pastikan Anda lakukan 2 hal berikut sebelum menyalin teks yang dibuat di atas:

1. Mengubah format *cell* dari **General/Number** menjadi **Text** sebelum menyalin teks
2. Menempelkannya secara *plaintext* dengan menggunakan **Paste As / Paste Special** dengan menggunakan **Ctrl-Shift-V** (macOS: **⌘⇧V**.)

17:45

/convertnohp 17:47 ✓✓

Gunakan perintah ini dengan input seperti berikut.

/convertnohp 080989999  
+62809-899-99 (tanpa spasi antar nomor).

⚠️ **PENTING:** Jika teks yang disalin dari Excel muncul seperti **628098E+09**, pastikan Anda *paste* dengan menggunakan tombol **Ctrl-Shift-V** (macOS: **⌘⇧V**).

17:47

/convertnohp 17:47 ✓✓

Menu



Message



If you're able to access the bot today, we're adding another new command, **/convertnohp**, to let you easily correct mistakes and inconsistency with Indonesian phone number formats into the international, **+62** formats.

That's all of our announcements. Back to work!