dafne+

Minting content on the platform

DAFNE+ workshop
April 30th 2024, 4-5pm (UTC+2)

Funded by
the European Union

A platform for archiving and promotion of experimental music and sound production

ircam Forum

Presenter

Greg Beller

Artist: The Synekine Project

Researcher: Ligeti Centner

Teacher: HfMT Hamburg

Product Manager: IRCAM Forum

Sound and music community manager: DAFNE+

DAFNE+ workshop

Minting content on the platform

- Introduction to DAFNE+ project (5min)
- What content and why upload it? (5min)
- Practical workshop - Mint a content (35 min)
- Feedback round and discussions (15 min)

DAFNE+ workshop

Introduction to DAFNE+ project

DAFNE+ is a collaborative R&I project supported by the European Commission:

- Period : July 2022 - June 2025
- 10 partners from 9 European countries (including UK)
- Title : “Decentralized platform for fair creative content distribution empowering creators and communities though new digital distribution models based on digital tokens”

Objectives:

- Help digital content creators to find new forms of creation, distribution and monetization of their works of art through blockchain/NFT technology
- Provide new services and tools that allow the creation and co-creation of content in a blockchain in an intuitive and simple way
- Create a Decentralized Autonomous Organization (DAO) that will define the community rules in particular for content distribution

Three artistic communities addressed:

Multimedia prosumers - Designers/makers - **Experimental sound/music production**

DAFNE+ workshop

An ecosystem for archiving and promotion of experimental music and sound production

- Project website: https://dafneplus.eu
- Platform: https://dafneplus.eng.it
- Discord: https://discord.gg/aR6VvV9Ttw
- Survey: https://forms.gle/czcJyXhmthFkN5V48
- Newsletter: https://dafneplus.eu/contact
- Contact: info@dafneplus.eu

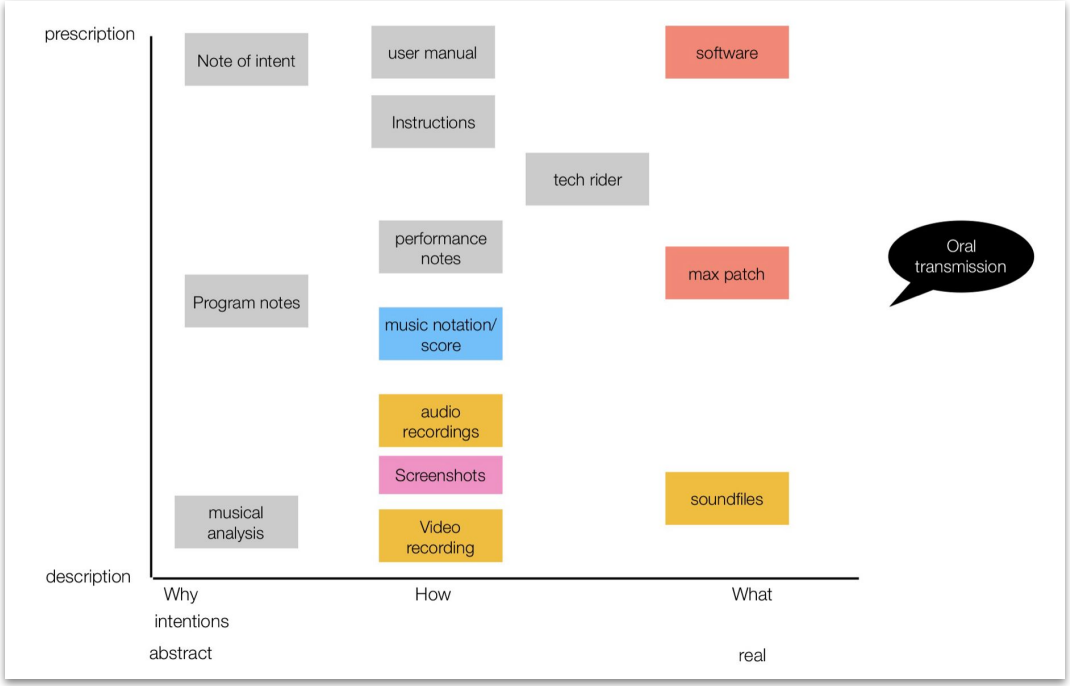
DAFNE+ workshop

What content?

Program enabling the performance of a work

- What: Patch running during a show…
- How: Technical description, tech rider…
- Why: Program notes, artistic intentions…

Sidney: IRCAM's in-house server for the preservation, documentation and performance of musical works.



Serge Lemouton, Alain Bonardi, Laurent Pottier, Jacques Warnier: ***Electronic Music Documentations, Practices and Models.*** *ICMC 2018*

DAFNE+ workshop

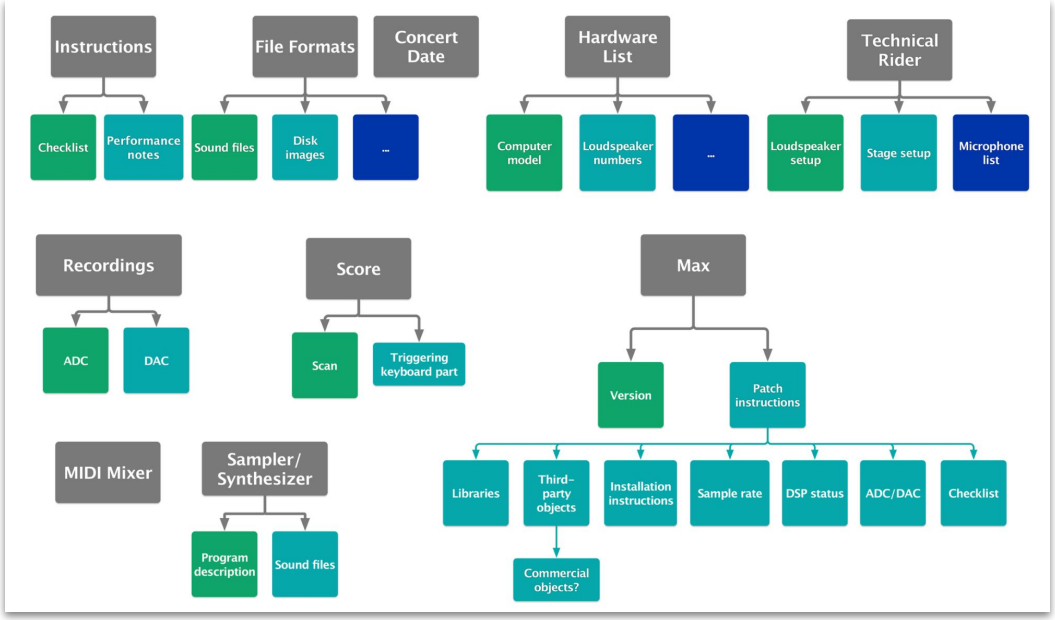
What content?

Program enabling the performance/production of a work

- What: Patch running during a show…
- How: Technical description, tech rider…
- Why: Program notes, artistic intentions…

As well as:

- Generative systems, Creative process
- Instruments: synths, transcoders, sonifiers…
- AI-models, data, corpus, recordings…
- Scientific experimentation script/data…



Serge Lemouton, Alain Bonardi, Laurent Pottier, Jacques Warnier: ***On the Documentation of Electronic Music.*** *Comput. Music. J. 42(4): 41-58 (2018)*

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Work repositories: A zip file, a dmg file or a repository containing all necessary files for a process (piece) to be replicated and its description.

- Code: Max/MSP Patch, PureData Patch, Python/C++ scripts, programs and executables...
- Data: Media, sounds, DAW sessions and other proprietary data.
- Documentation: Readme.md, Tech-rider.pdf, getting Started.txt, install.txt

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What content and why upload it?

Creation

- **Storing** work repositories (large file storage)
- **Versioning** work repositories
- **Collaborating** on the development of a project
- **Management** of frameworks, libraries, code blocks, recyclable assets, creative tools
- **Co-creating** with the online creative tools

Publication

- **Economic**: Selling patches, dedication of personalised works, benefiting from the web3.0 economy, showcase in a market place…
- **Legal issue**: Neighboring copyright rights and definition of user licences. Blockchain-enhanced authorship.
- **Promotion**: Access to the work given to all audiences, academics, art collectors, music professionals, curators and artistic directors, performing musicians, computer-assisted music designers.

Archiving

- **Preservation**: long-term version archiving
- **Educational**: musicological knowledge base and transmission of how to play a work
- **Historico-cultural:** Preserving the cultural heritage of our predecessors

DAFNE+ workshop

Practical workshop - Mint a content (35 min)

- Register on the DAFNE+ platform (free)
- Create a Web3 Wallet with Metamask (free)
- Configure Amoy network (free)
- Acquire Matics (free)
- Upload content (free)
- Mint content on the NFT marketplace (free)

We are still in a test phase so **everything is free.**

DAFNE+ workshop

Register on the DAFNE+ platform

https://dafneplus.eng.it

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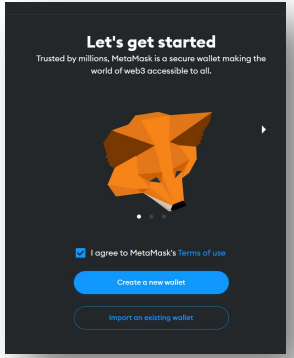
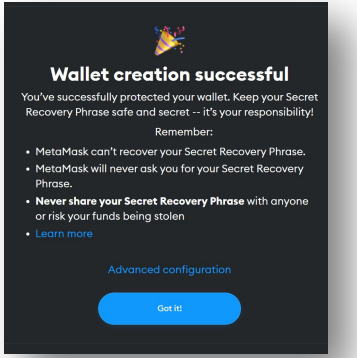
Create a Web3 Wallet with Metamask

Metamask is a Web3 wallet that works as a browser plugin: https://metamask.io/download/





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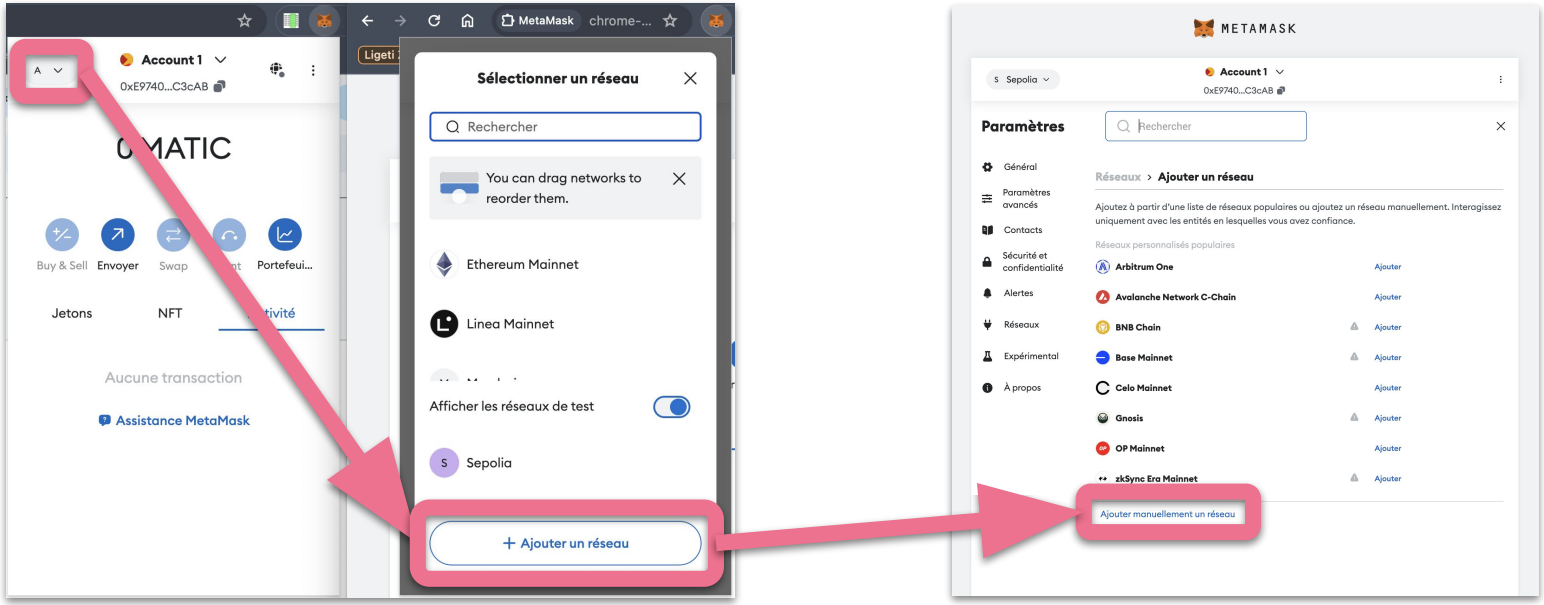
Configure Amoy network



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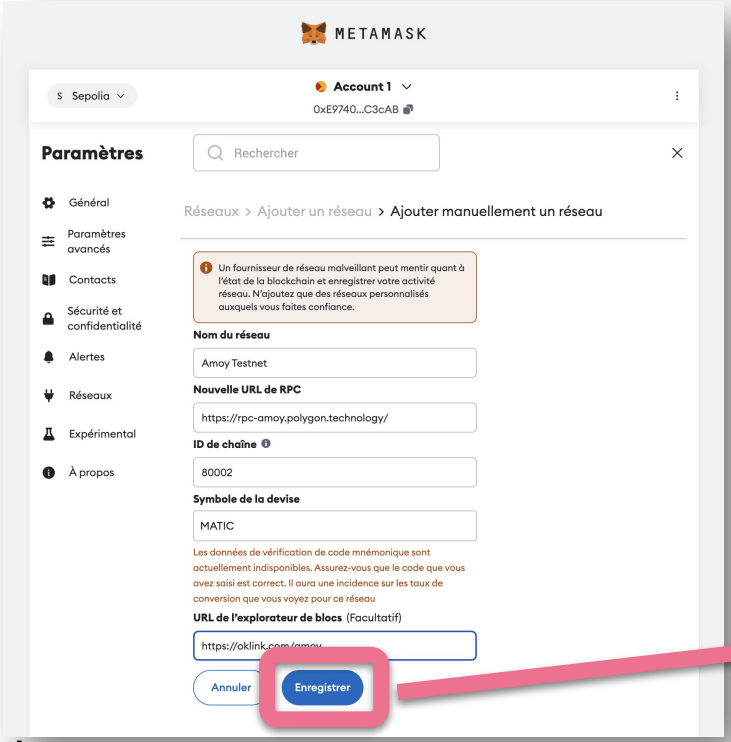
Configure Amoy network



- Network Name: Amoy Testnet
- New RPC URL: https://rpc-amoy.polygon.technology/
- Chain ID: 80002
- Currency symbol: MATIC
- Block explorer: https://oklink.com/amoy

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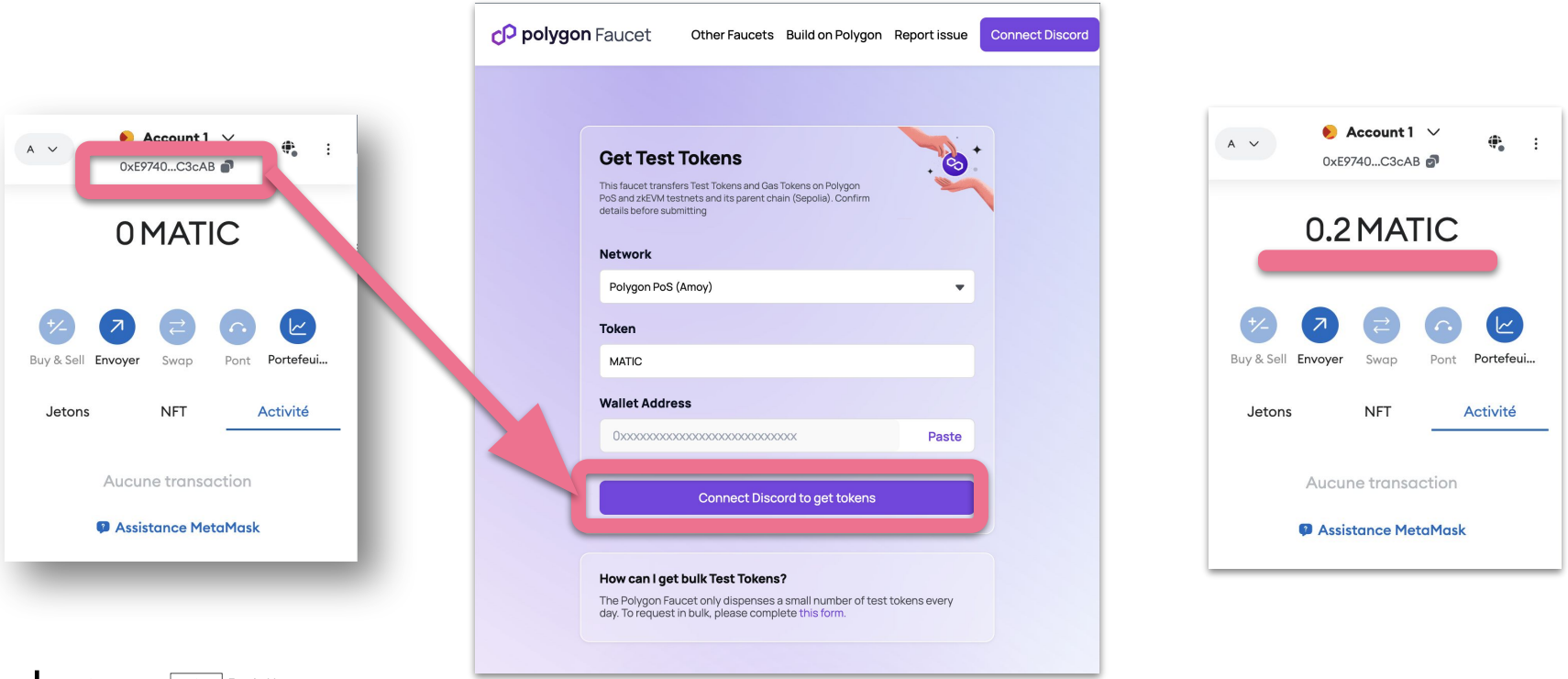
Acquire Matics

https://faucet.polygon.technology



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Upload content

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Mint content on the NFT marketplace

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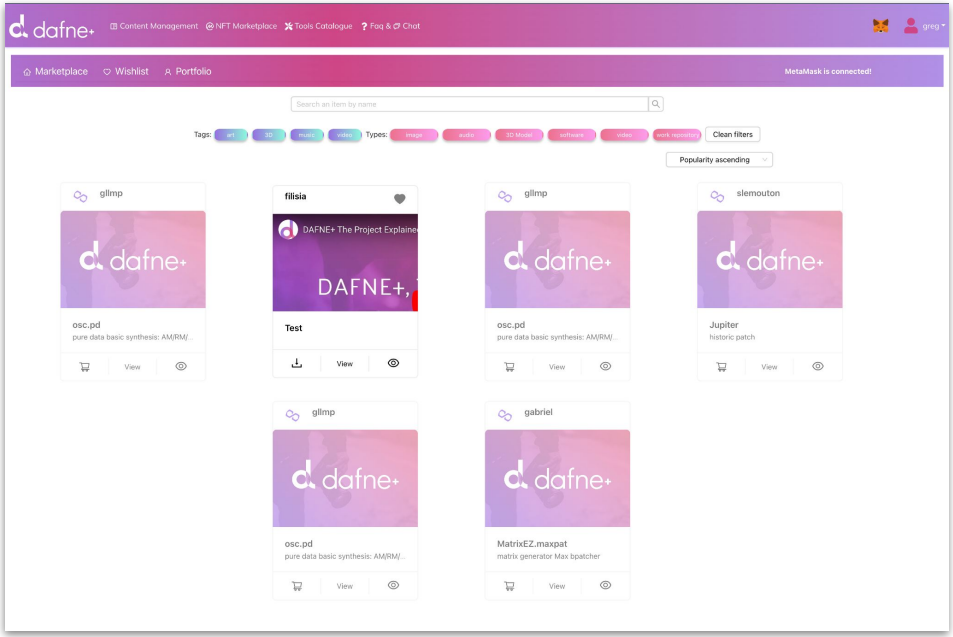

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Access to/ publication of the uploaded content

Content Manager : restricted to the person who uploaded it (and other persons of same organisation)

Marketplace : Currently Creative commons license creativecommons.org

Implies **public domain distribution** and **license to reuse with restrictions**.
Proposed options :

BY : other users must give appropriate credit , provide a link to the license, and indicate if changes were made
NC : no commercial use allowed. May be attributed through additional license
2 choices : SA (share alike - modifications allowed) or ND (non derivatives).

CC BY-NC-SA
CC BY-NC-ND

⚠️Caution: do not include any copyrighted content in your asset if you don't own the rights for redistribution (objects, recordings, scores, etc.).

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Feedback round and discussions (15 min)

- **Survey: https://forms.gle/czcJyXhmthFkN5V48**

- Open questions:
  - Repository: How do you share and version works?
  - License: How do you manage access to and use of your works?
  - Business: How do you manage the commercial aspect of distributing your patches?
  - Beyond: How can DAFNE+ be of further assistance to you?

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Thanks!

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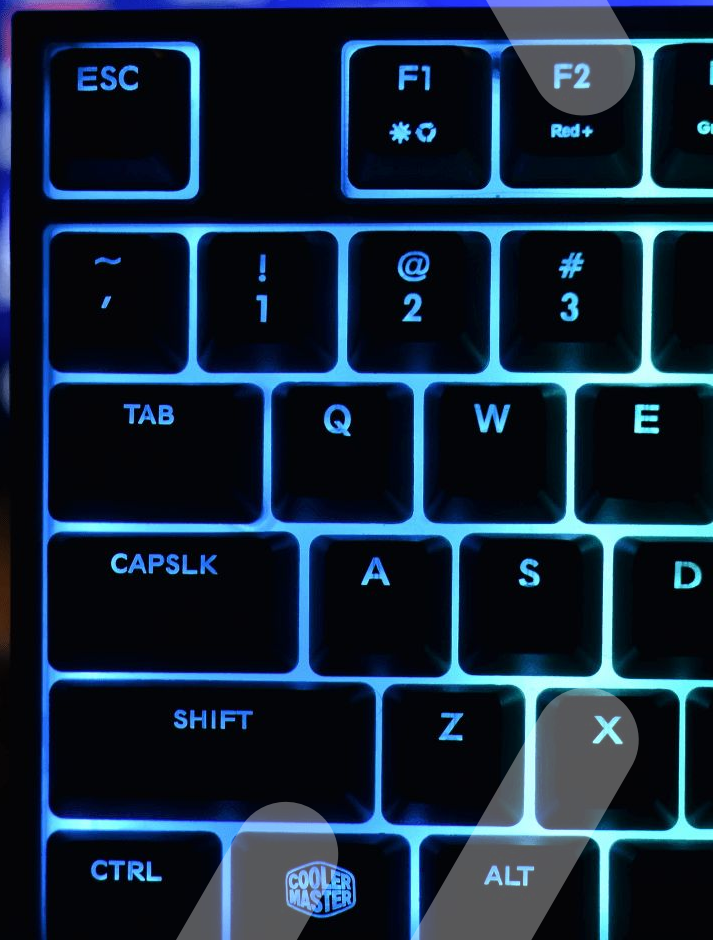

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