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Pylar[©]

Desgined by Pencil in Andorra.

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pylar.org

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PylarOS: A superset of Linux for developers

PylarOS is a Linux environment built on Ubuntu 23.10, designed with developers, system administrators, and general users in mind. It offers a pre-installed set of development and utility tools, making it a flexible and ready-to-use Linux environment.

Features

- **Docker & Play:** Users can run PylarOS in a Docker container without the need to install anything on their local machines.
- **Arch Linux with SSH Access:** The environment is based on Arch Linux and provides SSH access within a Docker container.
- **Neovim Setup:** It includes a Neovim setup tailored for Node.js development.
- **Multiple Programming Languages:** PylarOS comes with Node, Rust, and Python pre-installed.
- **Useful Tools:** Special tools like lazygit and nvchad, as well as text editors, development tools, networking utilities, and more are included.

PylarOS is suitable for a range of use-cases

- **Developers:** Provides a consistent and equipped environment for coding, version control, and package management.
- **Sysadmins:** Ideal for performing routine tasks like file operations, network monitoring, and system updates in a containerized solution.
- **General Users:** Useful for various tasks, with pre-installed utilities to facilitate work.
- **Writers:** A consistent environment for writing, version control, and package management.
- **Data Scientists:** Tailored for data scientists, offering python and pre-installed utilities for various tasks.

As ITAMAESAN, our strategic investments in state-of-the-art software and unique, licensed fonts are a testament to our commitment to quality, innovation, and ethical support of small designers. Leveraging Docker Pro and npm Pro for agile development, and incorporating carefully selected fonts like Geometrica Sans, Tectonic, and Xonda, we're not just enhancing our operational capabilities but also enriching our brand's aesthetic and ethical footprint. Investing in these resources is not an expense but a long-term asset, underlining our belief that cutting-edge technology and creative excellence are integral to our mission.

We'd like to take this moment to highlight the significance of our strategic investments in collaboration with Pencil Works LLC and Pylar. We firmly believe that the right software and design choices can elevate a brand and its capabilities exponentially, which is why we have opted for high-grade solutions in various domains.

For our DevOps requirements, we've subscribed to Docker Pro, offering us unlimited public and private repositories, 5,000 image pulls per day, and 300 vulnerability scans. Our Docker Scout Team subscription further enhances our software development lifecycle, enabling advanced image analysis and upcoming policy evaluations. With npm Pro, we're unhindered in both public and private package management, ensuring streamlined development workflows.

In the design sphere, we've gone beyond just aesthetics: we've invested in storytelling. The fonts we've selected—Geometrica Sans by Virág for our documents, Tectonic for web design, and Xonda for our apps—are not merely typefaces but a reflection of our brand's ethos and our commitment to quality. Language support across Russian, Central European, Cyrillic, Latin, and more ensures that our global reach is not linguistically compromised.

To make our brand stand out even more, we've invested in a monthly subscription with Coolors for color identity organization, thus ensuring that we're not just globally relevant but also aesthetically consistent.

Beyond these technicalities, our investment in these software and fonts signifies a larger narrative. It emphasizes our commitment to support small designers and studios like Virág and Richprjcts, echoing our belief that creativity and innovation are not monopolized by size or fame. Licensing these fonts ensures that we're part of an ecosystem that encourages creative excellence and compensates artists fairly for their work.

Investing in high-quality, corporate tech software and licensed creative works is not just a business decision—it's a testament to our belief in sustainable, responsible, and exceptional craftsmanship. We are showing that great software and great design are not just possible but crucial for an entity focused on long-term value and impact.

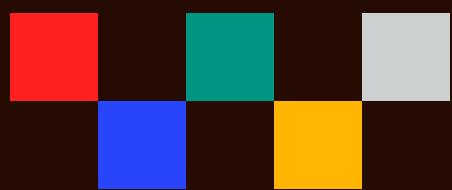
Investments

The conclusion is clear: investment in the right technology and design is not an expense but a long-term asset. It helps us stay agile, keeps our brand vibrant and relevant, and most importantly, fosters an environment where creativity and technology co-exist seamlessly.

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Pylar docs
are written with
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Why

This project creates a user-friendly environment for professionals who work with computers. Think of it as a pre-set workspace that comes with everything needed for tasks like coding and managing computer systems.

Here's what sets it apart:

1. Ready-to-Use Workspace: We've set up a workspace with all the necessary tools and software, so you don't have to spend time configuring your computer.
2. Security Updates: We take care of keeping the system secure by regularly updating it, reducing the risk of security issues.
3. Easy Remote Access: You can access this workspace from anywhere using a secure connection method, making it convenient for remote work.
4. Simple Data Storage: We've made it easy to store and organize your work within this workspace, eliminating the need to manage files and data separately.

The goal here is to make the professional lives of developers and computer administrators easier and more efficient. If you have any questions or need more information, feel free to ask.

Choosing Arch Linux for Enhanced Security and Performance

When it comes to building a secure and efficient environment for our project, the choice of the underlying operating system is crucial. We've opted for Arch Linux, and here's why:

1. **Latest Software Versions:** Arch Linux operates on a rolling release system. This means it keeps you up-to-date with the latest software without requiring extensive and often disruptive upgrades. This approach keeps your system streamlined, modern, and optimized for performance.
2. **Active Community:** Arch Linux boasts an active and engaged community. This active user base leads to rapid response to security vulnerabilities, resulting in timely patches and updates.
3. **Vast Software Collection:** The Arch User Repository (AUR) is a treasure trove of user-contributed packages. This extensive library of software enhances flexibility and feature availability.

However, it's important to note that no system is entirely immune to vulnerabilities. In our case, we're aware of a specific vulnerability (CVE-2023-29403) related to Arch Linux. This concern is about the potential for exploitation.

But the strength of the Arch Linux community and its user-centric philosophy contribute to a balanced approach. They prioritize cutting-edge performance while maintaining a commitment to security..

We believe that the benefits of choosing Arch Linux far outweigh the concerns, ensuring a secure, up-to-date, and high-performance environment for our project.

This security policy reflects our dedication to creating a reliable and safe environment for our users. If you have any questions or need further information, please feel free to ask.

Thanks

The ITAMAESAN.org Team would like to express our heartfelt appreciation for the communities and resources that have been instrumental in supporting our project. Your contributions in terms of knowledge and assistance have been invaluable.

1. The Arch Linux Community: We extend our gratitude to the Arch Linux community for providing a solid foundation and active discussions that have been essential in building this project.
2. The Open Source Community: We are deeply grateful to the open-source community, which has been a wellspring of knowledge and tools that have made this project possible.
3. Security Researchers: To those who tirelessly work to keep the digital world secure, thank you for your dedication and vigilance in helping maintain the safety of this environment.
4. Online Forums and Documentation: Various online forums, documentation, and resources have been crucial in our journey as the ITAMAESAN.org Team. Thank you for sharing your expertise and insights.
5. Our Development Team: We appreciate the efforts of our development team members, whose dedication and expertise have played a pivotal role in creating and maintaining this project.

This project is a testament to the collaborative efforts of these communities and resources, as well as our internal team.

Your contributions have been instrumental in its creation and success.

Thank you for being a part of this journey with the ITAMAESAN.org Team.

