

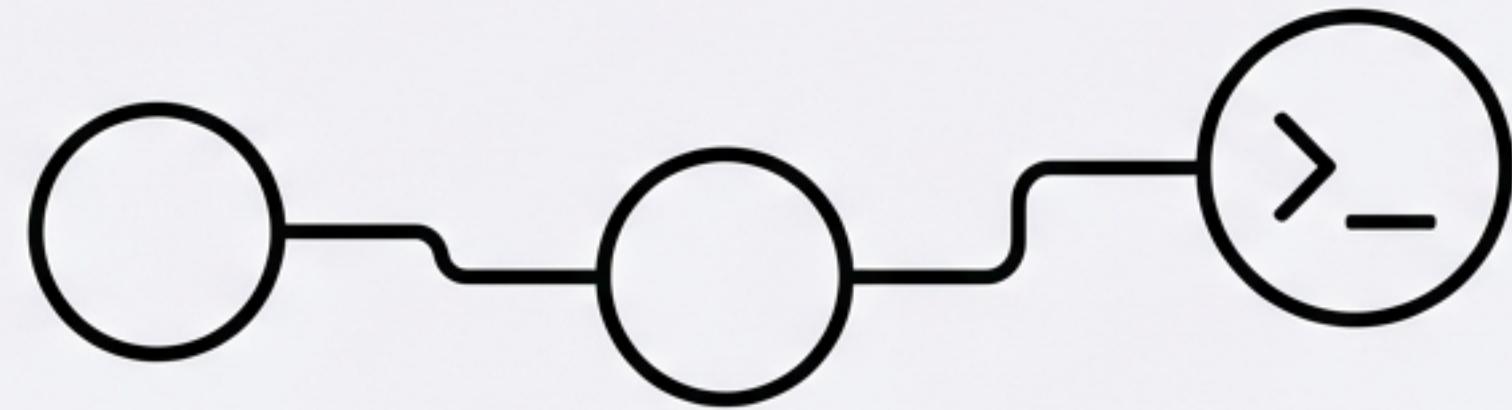
# Native n8n

# Deployment Guide

## Local installation via Node.js (Non-Docker Method)

---

This technical documentation covers the manual setup, installation, and configuration of the n8n automation platform in a native host environment.



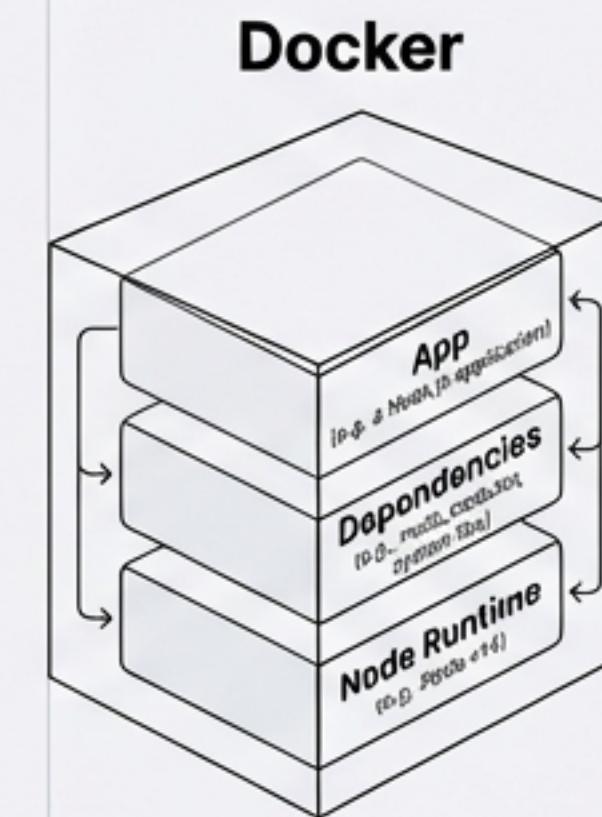
# Understanding the Deployment Constraints



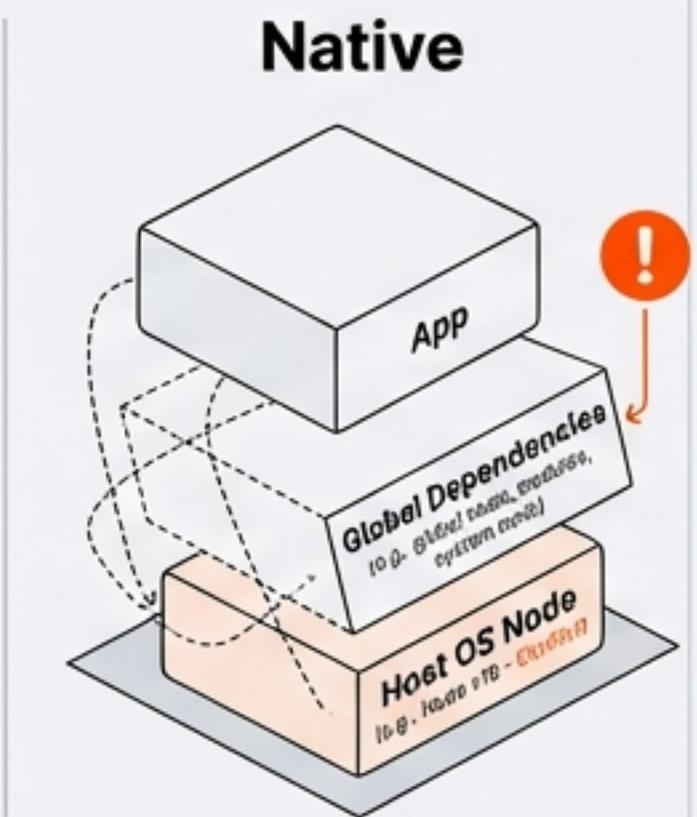
## ⚠ Advisory: Potential Environment Conflicts

Unlike Docker containerization, a native installation operates directly on the host OS. This introduces potential friction regarding Node versions and global dependencies.

Proceed with this method only if the host environment is strictly controlled or if containerization is not a viable option.



⚠ Conflict / Risk

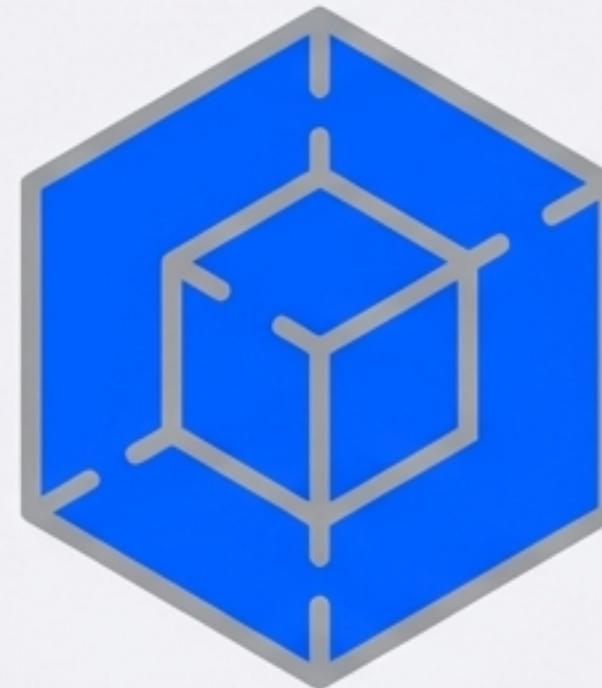


✓ Isolated / Secure

# System Prerequisites

---

## Runtime Environment

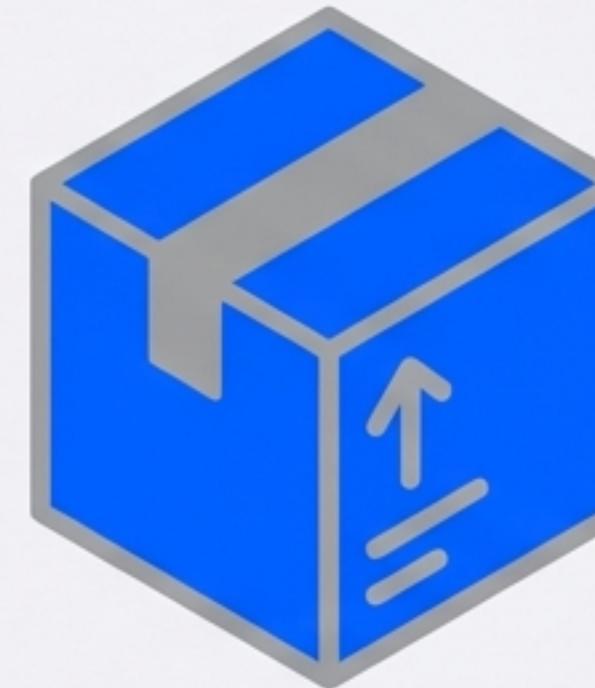


### Node.js

Required Version: v18 or v20

Strict Requirement

## Package Management



### npm

Node Package Manager

Included with standard Node.js installation

---

Note: Version mismatches are the primary cause of installation failure in native deployments. Ensure compliance before proceeding.

# Verify Environment Readiness

• • •

```
1 $ node -v ←  
2 v20.11.0  
3  
4 $ npm -v ←  
5 10.2.4
```

Confirms active runtime.  
Must match v18 or v20.

Confirms package  
manager accessibility.

# Execute Global Installation

```
npm install -g n8n
```



Action: Fetches package  
from registry

Flag: Global Installation.  
Installs as a system-wide  
command, not a local  
folder dependency.

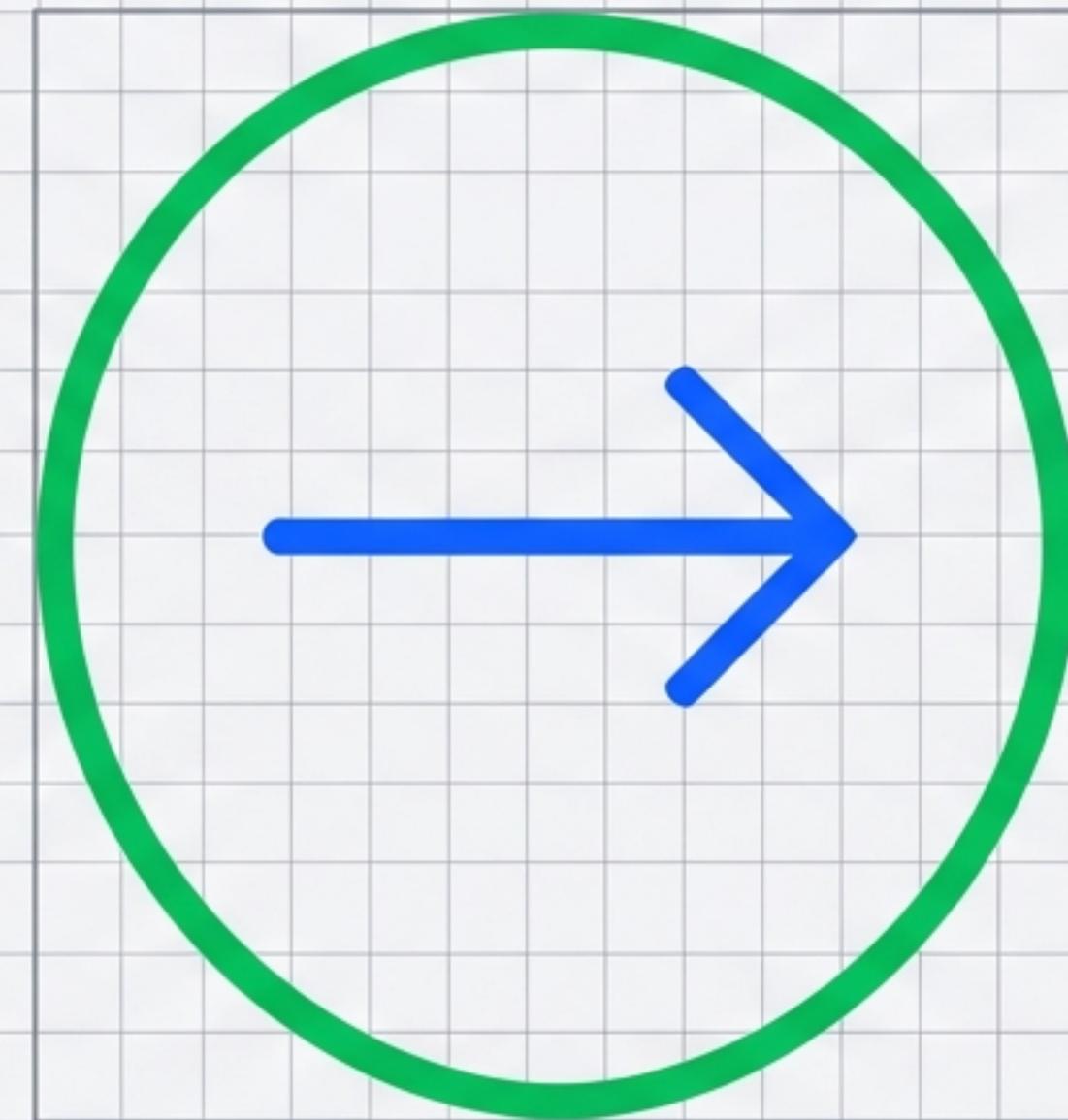
Target: The automation  
package

# Initialize the Instance

n8n

Initialize the application server.

This command starts the background process and listens for connections.



# Access the Workflow Editor



Input the local address into your preferred browser.



Seeing the n8n canvas **login** screen confirms the process is complete.

# Quick Reference / Command Summary

# 1. Verify Environment

**node -v**

**npm -v**

# 2. Install Package

**npm install -g n8n**

# 3. Run Application

**n8n**

# 4. Access Interface

**<http://localhost:5678>**

Inter

Requirement: Node.js v18 or v20 must be installed prior to Step 2.