

pure:dyne

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[goto10.org](http://goto10.org)

# Introduction

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Collaboration of [dyne.org](http://dyne.org) and [goto10.org](http://goto10.org)

Aimed for the context of media art

Its a Live distribution

# Design principles

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pure:dyne is made by practitioners for practitioners

pure:dyne should be accessible to non technical users

pure:dyne will be optimized and kept minimal

# Components

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**Dock:** A dock refers to an ``installation'' of pure:dyne onto the host system. A dock contains all necessary components that are required to boot pure:dyne entirely from the storage device.

**Nest:** A nest is a file that a user can create once pure:dyne has successfully booted. This file contains a user's home directory and configuration files. The nest file can be stored either on the hard disk or on a portable storage device such as a usb key.

**Modules:** dyne modules allow software to be packaged and distributed as a single compressed file.

# Usage

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Used with the CD alone, without saving user data

Used with the CD in conjunction with a portable storage device that contains the nest

Used with a dock on the hard disk plus a nest either on the hard disk or portable storage device

Used with both the dock and the nest on the portable storage device. for example, running pure:dyne

entirely from solid state memory.

# Optimization

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- Target hardware -> i686
- Kernel -> Ingo Molnars's real-time patch
- proprietary drivers -> Yes
- GCC flag -> More aggressive

# Applications

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PureData and its related libraries.

- Gem, PDP, Pidip, GridFlow and more

SuperCollider

Chuck

Csound

Fluxus

Packet forth

# Which dyne is for me?

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	pure:dyne	dyne:bolic 2.x
Type	live-distribution	live-distribution
Core	dyneII customized	dyneII generic
Module policy	.dyne	.dyne
Target hardware	i686	i586
Optimization	aggressive	generic

dyne:bolic

More stable across a wide range of legacy hardware

pure:dyne

More “bleeding-edge”, created for specific context

# TODO

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Modularization

Documentation

Hardware support

Software packages

# THANK YOU

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