

DIY: Entwicklung von Webapplikationen

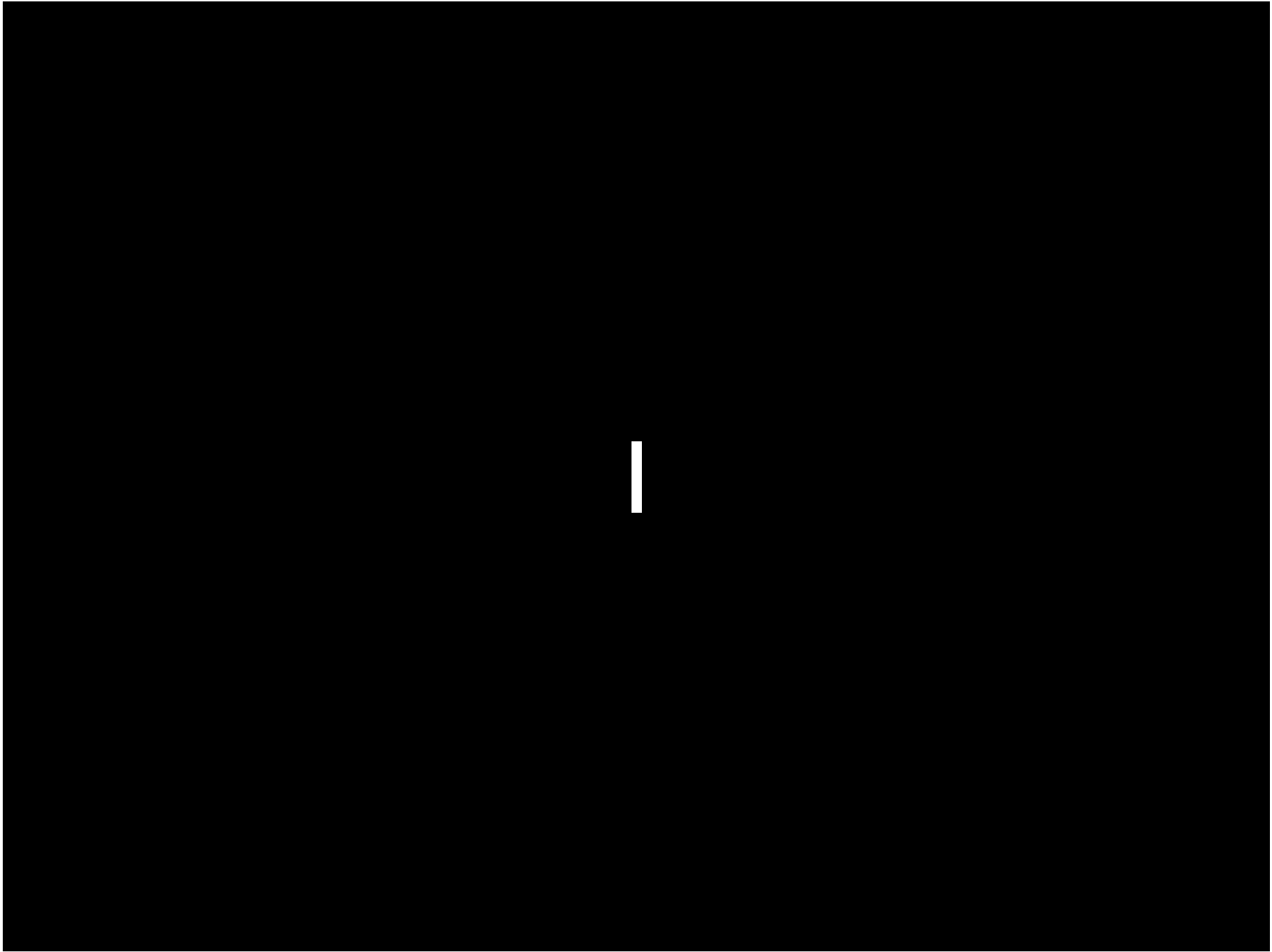
Kai „Oswald“ Seidler
Apache Friends

iX CeBIT Forum 2008, 8. März 2008

Überblick

Webtechnologien

6 Aspekte

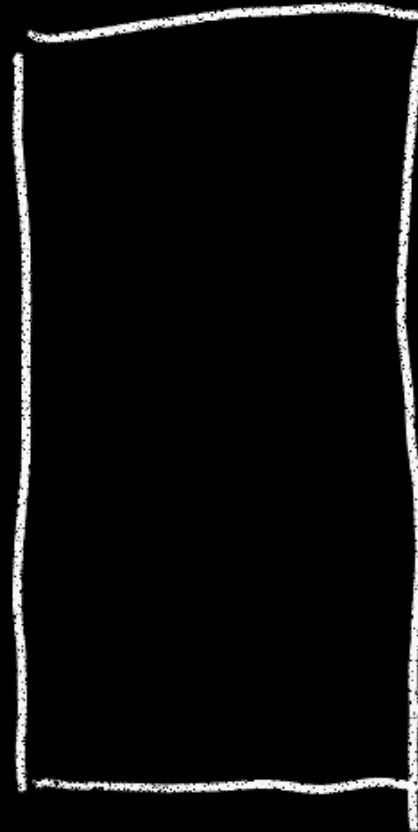
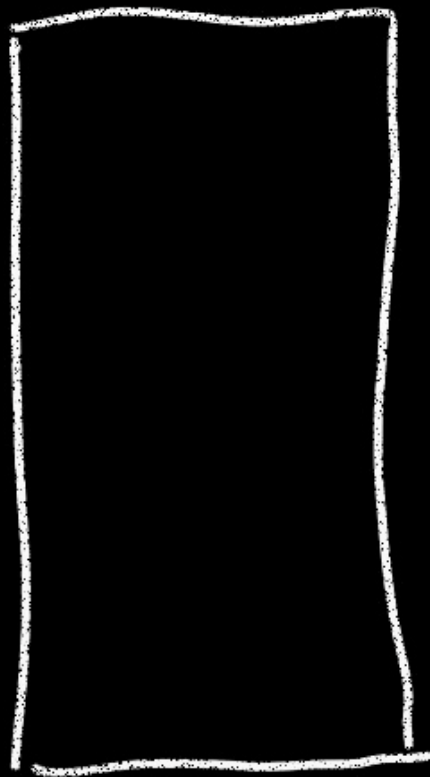


Architektur

Client-Server-Modell

Client

Server



„Server“

„Client“

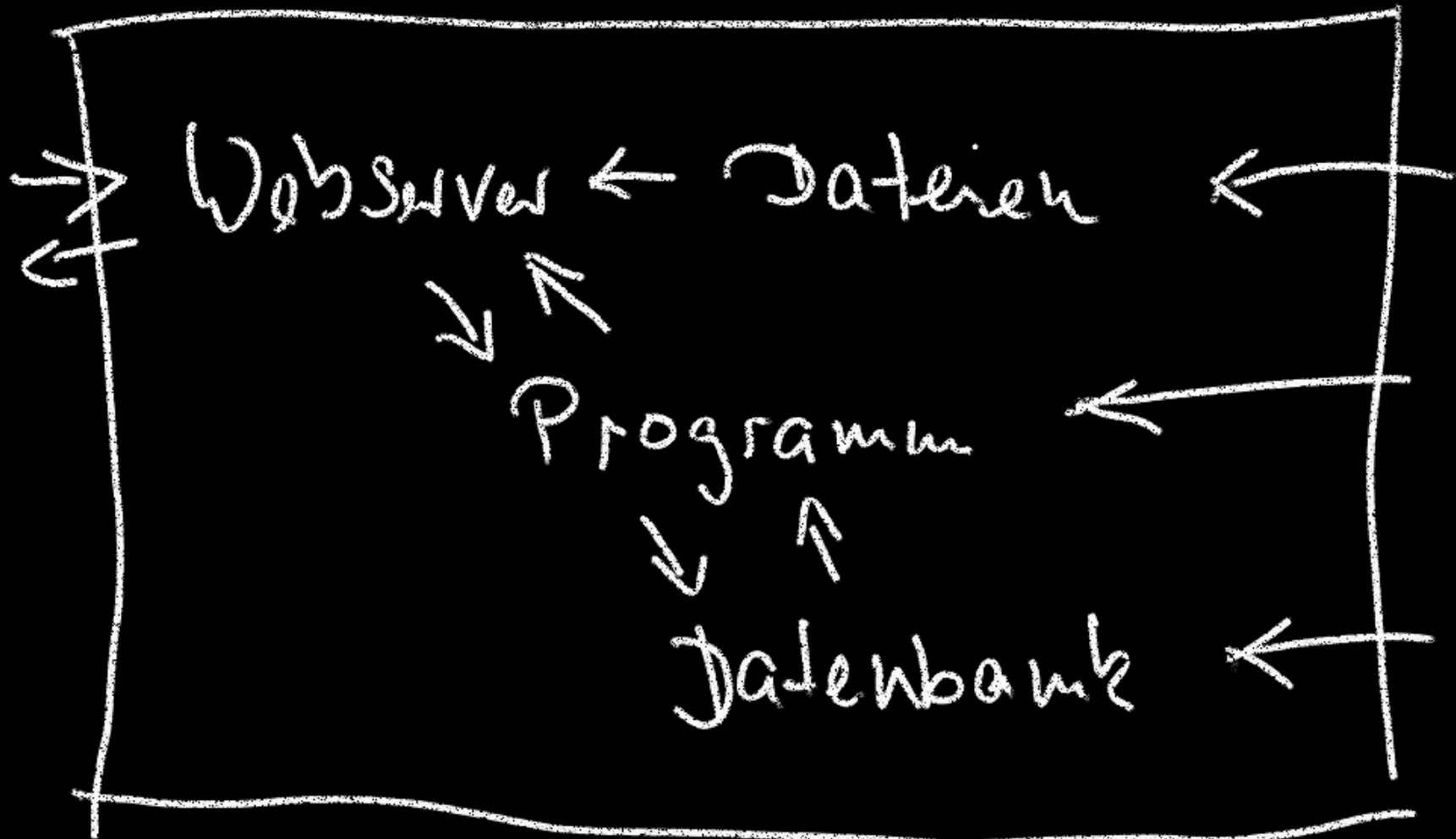
SERVER

Webserver Dateien

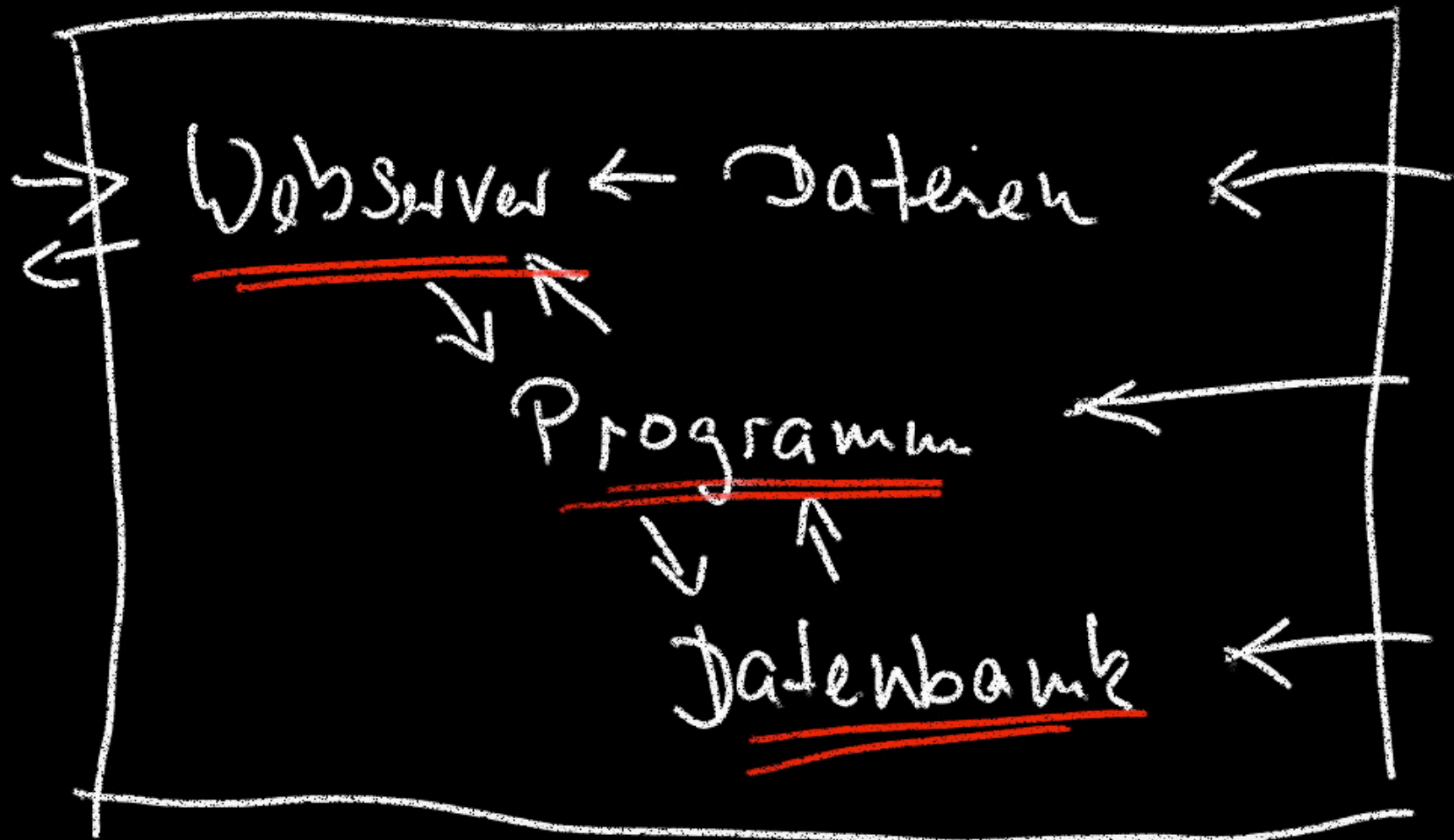
Programm

Datenbank

SERVER



SERVER



2

Webserver

Microsoft IIS

Apache HTTPD

lighttpd

3

Programmiersprachen

Java

Plattformübergreifend

Umfangreiche Projekte

Komplexe Probleme

Viel Code

Lange Wege

Application Server

WebLogic (BEA), JBoss (Red Hat),
WebSphere (IBM), JRun (Adobe),
Geronimo & Struts (ASF),
OC4J (Oracle), Sun Java System
Application Server/Glassfish (Sun),
SAP Web Application Server (SAP),
JOnAS (GNU)

Hungrig

Skaliert sehr gut

Java APIs

Perl

Administration

Systemnah

Kurze Wege

Skaliert gut

CPAN

PHP

Webprogrammierung

Sehr kurze Wege

Einfach

Gefrickel

Skaliert naja

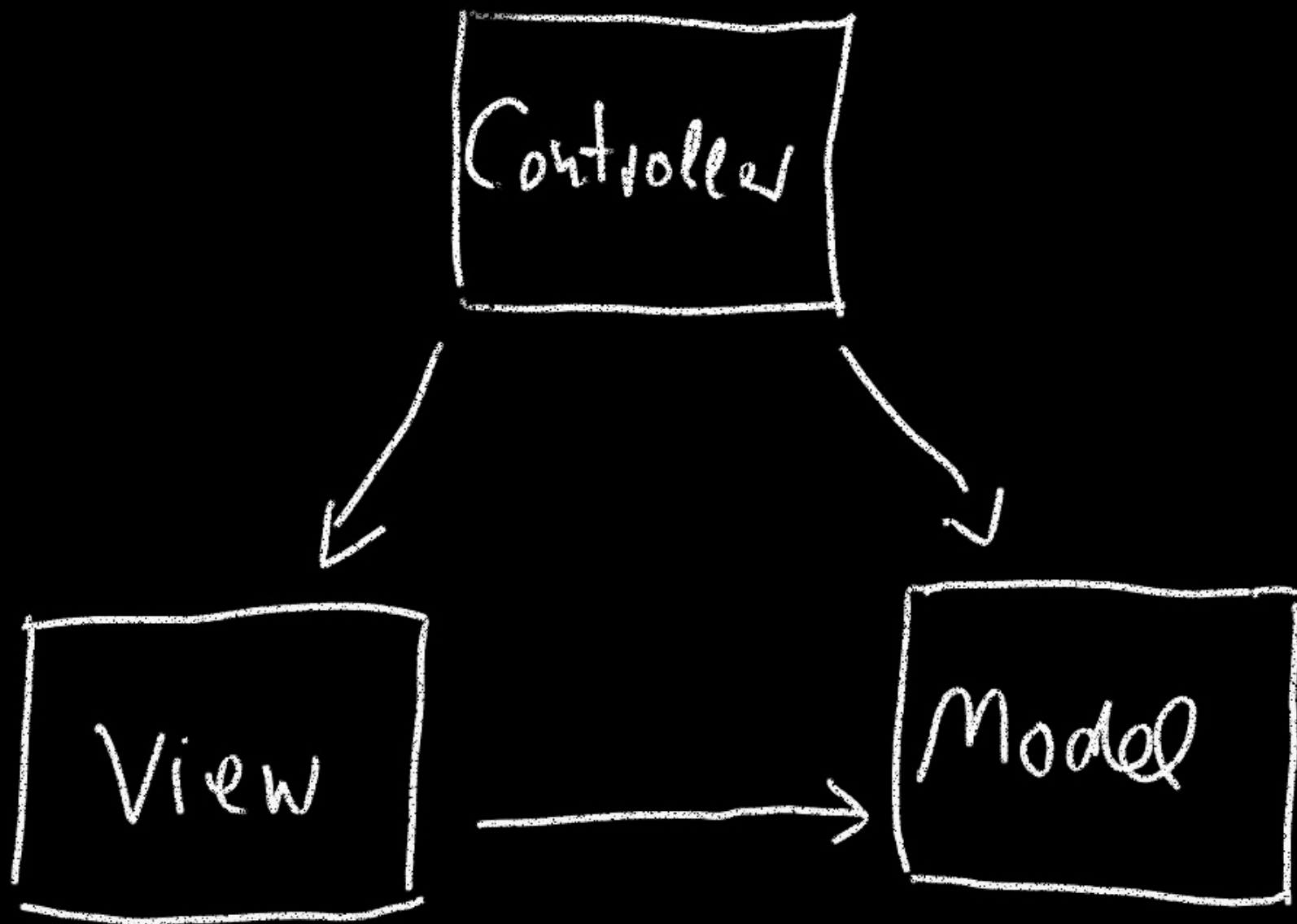
PECL & PEAR

Ruby

einfach schön

Ruby on Rails

MVC



AJAX

Prototype

script.aculo.us

Wartbarkeit

Skalierbarkeit?

ASP.NET

Framework

Visual Studio

C/C++, VB, C#

Einheitlich

Kurze Wege

„In the amount of time it would take MIT to evaluate and select the right Java application server, V1.0 of a system could be built and launched using the Microsoft tools.“

Philip Greenspun, MIT

Windows

Skaliert sehr gut

4

Datenbanken

MySQL

PostgreSQL

SQLite

MS SQL Server

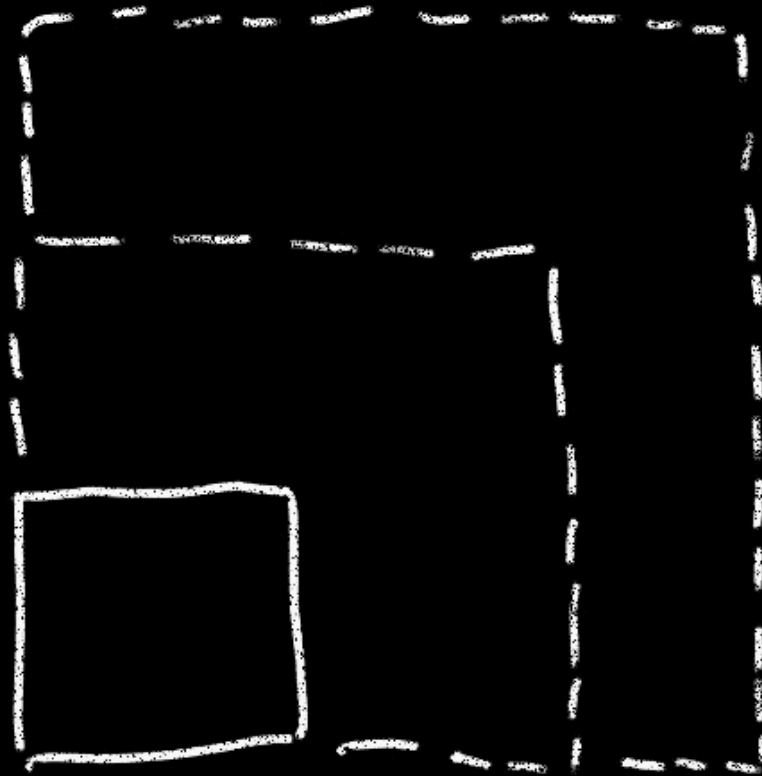
Oracle

DB2

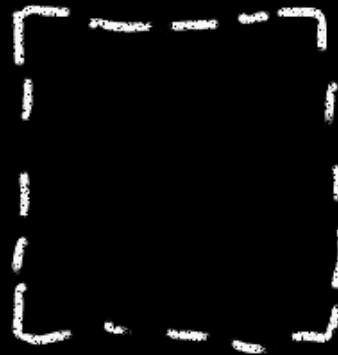
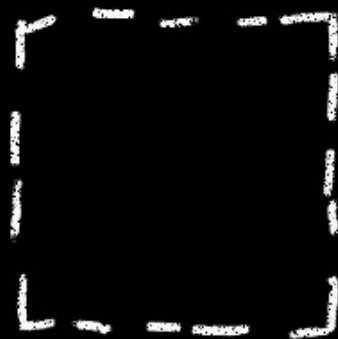
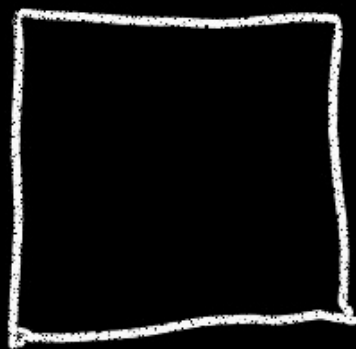
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Skalierbarkeit

vertikal



horizontal



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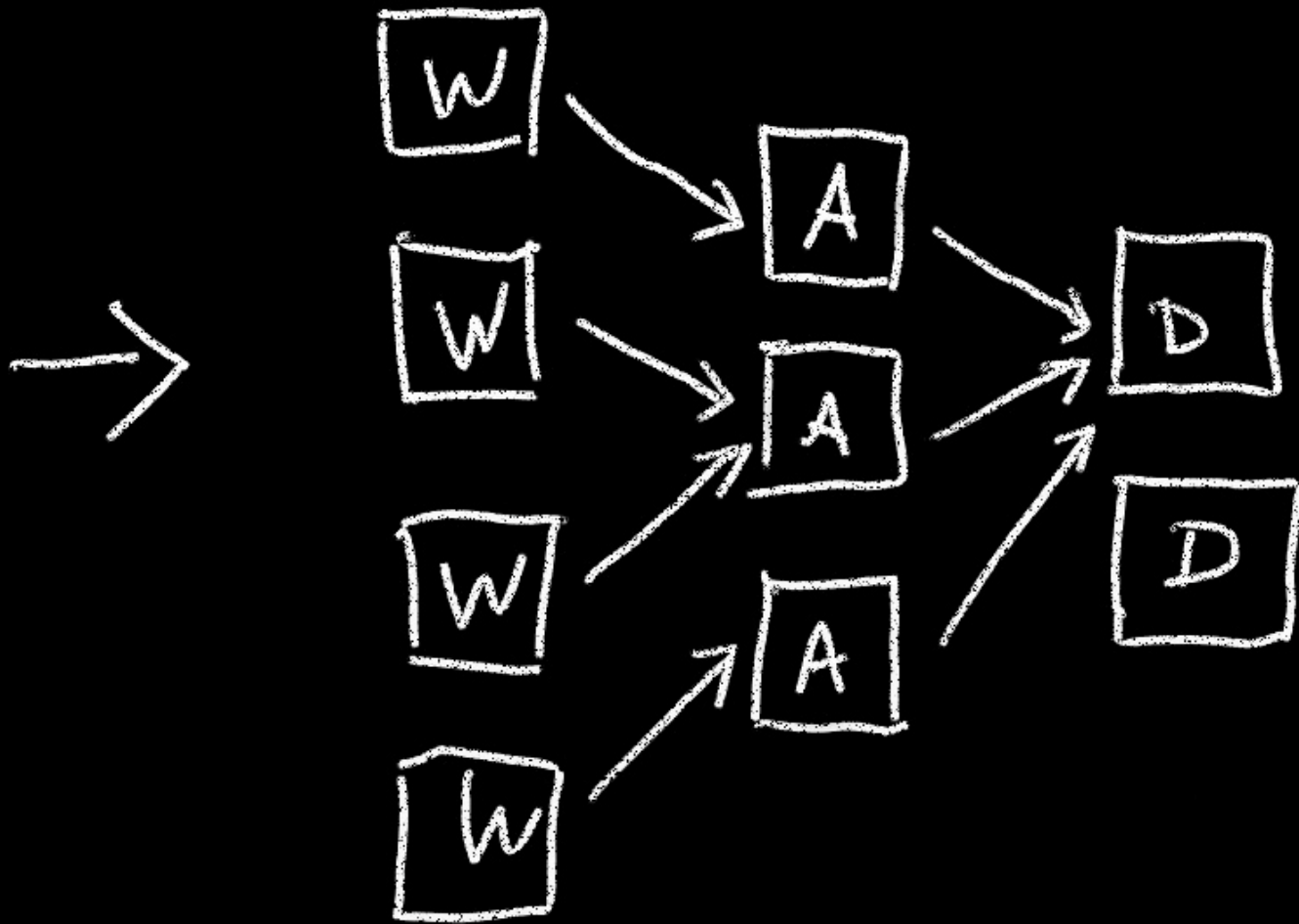
horizontal

W

A

D

...



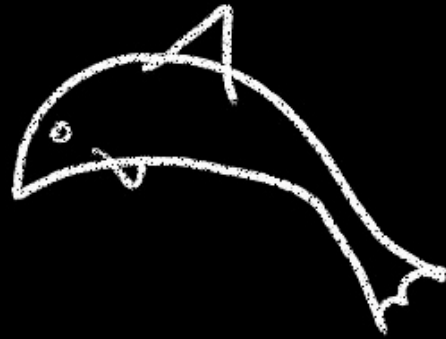
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DIY?

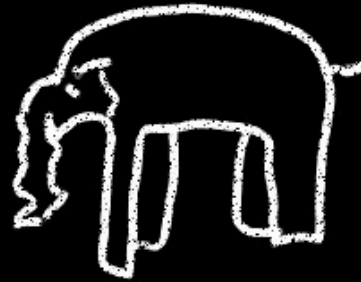
XAMPP!



Apache



MySQL



PHP



Perl

xampp.org

Schönes Wochenende!