

RADL – Rechnerarchitekturen für Deep-Learning

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Example slides for the RADL project presentation.
Answer the provided questions in a presentation with 3-6 slides.



Application

- **Application Purpose**
- **Which Dataset(s) / Model(s)?**
- **What kind of Application?**
 - Datacenter ?
 - Real Time Application ?
 - Embedded ?

Targeted Architecture

- **Which Hardware?**
 - TPU?
 - GPU?
 - CPU?
 - FPGA ?

- **Which Device(s) exactly?**
 - RaspBerry Pi 4?
 - Ultra96?
 - ...

Approach and Responsibilities

- **What is the final result?**
 - E.g. Deep Learning Framework
 - Evaluation of Energy / Performance / Resource Consumption
- **[GPU TPU CPU] Which kind of Optimization(s)?**
- **[FPGA] Which Accelerator Architecture?**
- **Who implements which Parts:**
 - Optimization Techniques?
 - Devices?