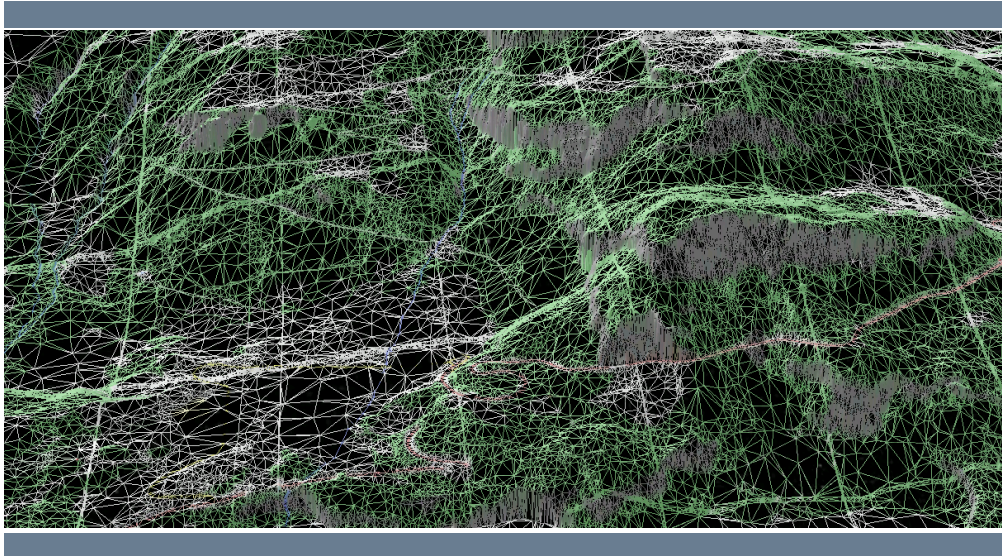




Informatik

Geodeatenprozessierung mit Budget Instanzen (SPOT) auf Amazon EKS

Semesterarbeit



Departement:	Informatik
Kurs:	CAS CLD FS20 – Cloud Computing
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Under the spreading chestnut tree
I sold you and you sold me:
There lie they, and here lie we Under the spreading chestnut tree [AD19, p. 1].

Kurzfassung

This is a template abstract only as a demo [Doe00]

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1 Samples

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2 Images



Abbildung 1: Overview of the frames used

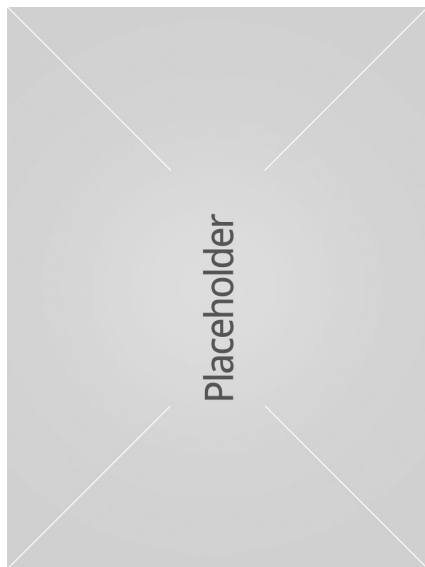


Abbildung 2: PCB design in 3D (top view)



Abbildung 3: PCB design in 3D (bottom view)

3 Table

Day	Min Temp	Max Temp	Summary
Monday	11C	22C	A clear day with lots of sunshine. However, the strong breeze will bring down the temperatures.
Tuesday	9C	19C	Cloudy with rain, across many northern regions. Clear spells across most of Scotland and Northern Ireland, but rain reaching the far northwest.
Wednesday	10C	21C	Rain will still linger for the morning. Conditions will improve by early afternoon and continue throughout the evening.

3.1 Testing

Dies ist der Untertitel

4 Lists

▶ sample list item

1. sample list item

5 Code

```
touch --help
nano --help
mkdir --help
```

Listing 1: Sample C Code

```
#include <stdio.h>

int main()
{
    // Variable definitions
    char operator;
    double n1, n2;
    double result;

    /* Reading and parsing of equation
     *
     * The format provided in the 'scanf' function
     * tells C how to read the given input and in
     * which variable to store each part of the input
     * %lf := long float aka double
     * %c := char
     */
    printf("Enter equation in the format 1 + 2: ");
    scanf("%lf %c %lf", &n1, &operator, &n2);

    // figure out which operator was used and
    // perform calculation accordingly
    if (operator == '+')
        result = n1 + n2;

    else if (operator == '-')
        result = n1 - n2;

    else if (operator == '*')
        result = n1 * n2;

    else if (operator == '/')
        result = n1 / n2;

    // output result
    printf("Result: %f\n", result);
}
```

6 Equations

This is an equation: $F = m \cdot a$

Here are some more:

$$y = mx + b \quad (1)$$

$$c^2 = a^2 + b^2 \quad (2)$$

and even more:

$$y = mx + b$$

$$c^2 = a^2 + b^2$$

References

- [AD19] J. Arundel and J. Domingus, *Cloud native devops with kubernetes*. O'RELLY, 2019.
- [Doe00] J. Doe, *The book without title*. Dummy Publisher, 2100.

A Demo Anhang

Listing 2: Sample Code

```
#include <stdio.h>

int main()
{
    // Variable definitions
    char operator;
    double n1, n2;
    double result;

    /* Reading and parsing of equation
     *
     * The format provided in the 'scanf' function
     * tells C how to read the given input and in
     * which variable to store each part of the input
     * %lf := long float aka double
     * %c := char
     */
    printf("Enter equation in the format 1 + 2: ");
    scanf("%lf %c %lf", &n1, &operator, &n2);

    // figure out which operator was used and
    // perform calculation accordingly
    if (operator == '+')
        result = n1 + n2;

    else if (operator == '-')
        result = n1 - n2;

    else if (operator == '*')
        result = n1 * n2;

    else if (operator == '/')
        result = n1 / n2;

    // output result
    printf("Result: %f\n", result);
}
```