Technical Overview

Neronet

Project 2
Toolbox for managing the training neural networks (Pyry Takala)

CSE-C2610 Software Project Aalto University

October 30, 2015

Technical Overview

Neronet

Overviev

Component

v iew:

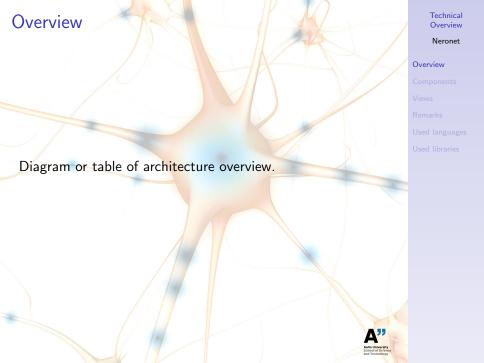
Remarks

Used librarie











Component 1

Technical Overview

Neronet

Overview

Components

Views

Remarks

Used libraries

Description of the component its responsibilities, interfaces, and what are the used frameworks and technologies.



Component 2

Description of the component its responsibilities, interfaces, and what are the used frameworks and technologies.

Technical Overview

Neronet

Overview

Components

Views

Remarks

Jsed languages

Used librarie



Component 3

Description of the component its responsibilities, interfaces, and what are the used frameworks and technologies.

Technical Overview

Neronet

Overview

Components

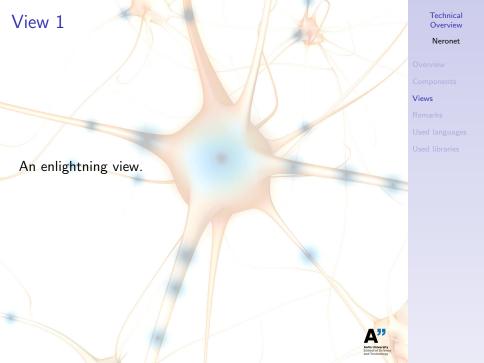
Views

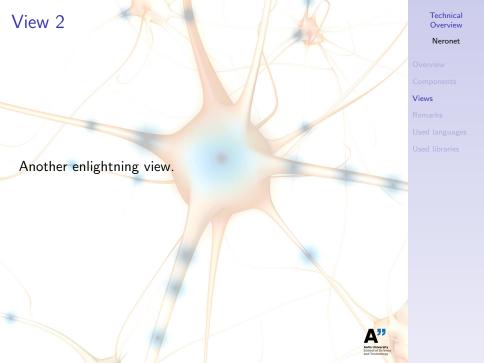
Remarks

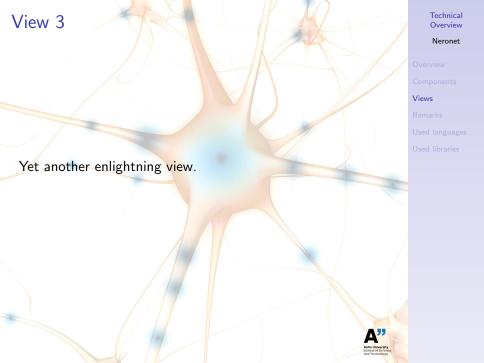
Ilsed libraries



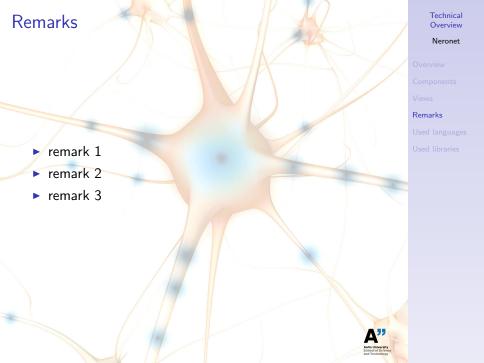














Python 3

Python is the main language to use Lasange, Pylearn2, Theano and Django

Technical Overview

Neronet

Overview

Components

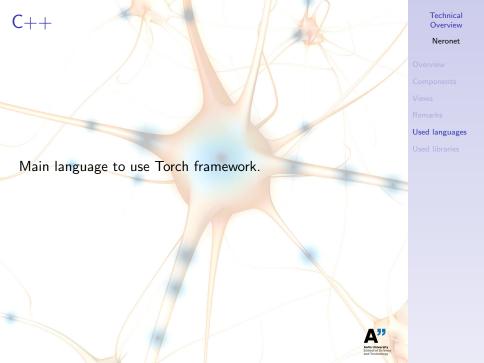
Views

Remarks

Used languages

Jsed librarie





Optionally can be used to create a user friendly GUI. Can also be used to launch python scripts.

Technical Overview

Neronet

Overview

Components

Views

Remarks

Used languages

Used librarie





Django

The framework used to create the web interface for the system.

Technical Overview

Neronet

Overview

Components

Views

emarks

Jsed languages

Used libraries



Theano

Main tool to train neural networks, most libraries are built

onto this library.

Technical Overview

Neronet

Overview

Components

Views

Remarks

Used libraries



