

Module API

Implemented

Planned

Discussed

Carme Frontend

- Web-Interface
- Proxy
- Admin Tools + Monitoring
- Authentication / User + Rights Management

Authentication

Monitoring

WebApps

Password

Zabbix

AdminBoard

2-Factor

Wiki

Data Upload

Carme Backend

- Resource Management
- Scheduling
- Data handling

Scheduler

Container

File System

Paralellisation

Slurm

Singularity

BeeGFS

MPI

AWS

Docker*

Luster

GPI

PBS

AWS images

AWS

DASK

Azure

Azure

Azure

GPI-Space

Carme Container API

- Softwarestack inside the container
- Carme API
- Logs and debug tools

Container OS

GUI Interfaces

Distributed Apps

Apps

Debian based

Jupyter Lab

Hyper Parameter
Optimization

Tensorflow

Redhat based

TensorBoard

PyTorch

Console

Horovod

Anaconda

Theia IDE

HP-DLF

Data Annotation

Data Search