|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 参数 | | | | | | | | | | 类型 | 说明 |
| wandb | enabled | | | | | | | | | bool | 是否启用wandb |
|  | project | | | | | | | | | string | 项目名称 |
|  | name | | | | | | | | | string | 本次运行的名称 |
| global | use\_file\_system | | | | | | | | | bool | 是否启用文件系统作为torch多线程共享策略 |
|  | multi\_gpu | | | | | | | | | bool | 是否启用多GPU，详细[解释](#多GPU) |
|  | experiment | | | | | | | | | string | 本次运行的名称 |
|  | stale | | | | | | | | | [解释](#staleness设置) | |
|  | dataset | | | | | | path | | | string | 数据集所在路径 |
|  |  | | | | | | params | | | dict | 所需变量 |
|  | iid | | | | | | | | | [解释](#数据分布设置) | |
|  | client\_num | | | | | | | | | int | 客户端数量 |
| server | path | | | | | | | | | string | server所在路径 |
|  | epochs | | | | | | | | | int | 全局运行轮次 |
|  | model | | | | | path | | | | string | 模型所在路径 |
|  |  | | | | | params | | | | dict | 所需变量 |
|  | scheduler | path | | | | | | | | string | scheduler所在路径 |
|  |  | schedule | | | | | | | path | string | schedule所在路径 |
|  |  |  | | | | | | | params | dict | 所需变量 |
|  |  | other\_params | | | | | | | | \* | 其他变量 |
|  | updater | path | | | | | | | | string | updater所在路径 |
|  |  | update | | | | | | path | | string | update所在路径 |
|  |  |  | | | | | | params | | dict | 所需变量 |
|  |  | loss | | | | | | | | [解释](#loss函数添加) | |
|  |  | num\_generator | | | | | | | | [解释](#聚合数量生成器) | |
|  |  | group | | | | | path | | | string | update所在路径 |
|  |  |  | | | | | params | | | dict | 所需变量 |
| client\_manager | path | | | | | | | | | string | client manager所在路径 |
| group\_manager | path | | | | | | | | | string | group manager所在路径 |
|  | group\_method | | | | path | | | | | string | group method所在路径 |
|  |  | | | | params | | | | | dict | 所需变量 |
| queue\_manager | path | | | | | | | | | string | queue manager所在路径 |
|  | receiver | | | path | | | | | | string | receiver所在路径 |
|  |  | | | params | | | | | | dict | 所需变量 |
|  | checker | | | path | | | | | | string | checker所在路径 |
|  |  | | | params | | | | | | dict | 所需变量 |
| client | path | | | | | | | | | string | client所在路径 |
|  | epochs | | | | | | | | | int | 本地运行次数 |
|  | batch\_size | | | | | | | | | int | batch |
|  | model | | path | | | | | | | string | 模型所在路径 |
|  |  | | params | | | | | | | dict | 所需变量 |
|  | loss | | | | | | | | | [解释](#loss函数添加) | |
|  | mu | | | | | | | | | float | 近端项系数 |
|  | optimizer | | path | | | | | | | string | optimizer所在路径 |
|  |  | | params | | | | | | | dict | 所需变量 |
|  | other\_params | | | | | | | | | \* | 其他变量 |