

PIPS: Task

Nelson Lossing

CRI, M&S, MINES ParisTech

April 30, 2024, revision r-revision-

Introduction

1 Imported Domains

Internal representation dependencies.

```
import statement from "ri.newgen"
```

```
import entity from "ri.newgen"
```

2 Task

task:

id of the task

on_cluster id of the cluster in which the task will be executed

private_data list of entity private of the task, don't need to communicate with the other cluster

```
task = id:int x private_data:entity* x on_cluster:int x synchronization:bool
```

```
statement_task = persistent statement -> task
```