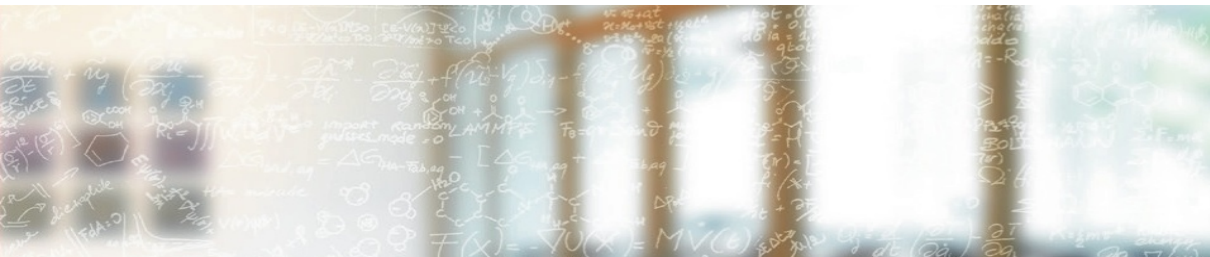




CSCS

Centro Svizzero di Calcolo Scientifico
Swiss National Supercomputing Centre

ETH zürich



CSCS L^AT_EX Presentation Template

Event Name

John Smith, Role, CSCS

DD/MM/YYYY

TOC Title



- Topic 1
 - Subtopic 1
 - Subtopic 2
 - Subsubtopic 1
 - Subsubtopic 2
- Topic 2
 - Subtopic 1
 - Subsubtopic 1

Slide title

Slide subtitle

- Point 1
 - Subpoint 1
 - Subpoint 2
- Point 2
- Point 3



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Part Title

Quick Styles

Abc	Abc	Abc	Abc	Abc	Abc	Abc
Abc	Abc	Abc	Abc	Abc	Abc	Abc
Abc	Abc	Abc	Abc	Abc	Abc	Abc

Formula

Subtitle

My formula is $E = m \times c^2$

Are examples in a blue block?

- My example
 - for a formula
 - rocks!

Alert an error in the formula!

1. First enumerated item
 - 1.1 First first enumerated item
 - 1.1.1 First first first enumerated item
2. just joking ...

C/C++ code listings

Example copied from <https://en.cppreference.com/w/cpp/algorithm/move>

```
void f(int n)
{
    std::this_thread::sleep_for(std::chrono::seconds(n));
    std::cout << "thread " << n << " ended" << '\n';
}

int main()
{
    std::vector<std::thread> v;
    v.emplace_back(f, 1);
    v.emplace_back(f, 2);
    v.emplace_back(f, 3);
    std::list<std::thread> l;
    // copy() would not compile, because std::thread is noncopyable

    std::move(v.begin(), v.end(), std::back_inserter(l));
    for (auto& t : l) t.join();
}
```

Python code listings

Example copied from

<https://github.com/eth-cscs/reframe/blob/master/tutorials/basics/hello/hello2.py>

```
import reframe as rfm
import reframe.utility.sanity as sn

@rfm.parameterized_test(['c'], ['cpp'])
class HelloMultiLangTest(rfm.RegressionTest):
    def __init__(self, lang):
        self.valid_systems = ['*']
        self.valid_prog_environs = ['*']
        self.sourcepath = f'hello.{lang}'
        self.sanity_patterns = sn.assert_found(r'Hello, World\!', self.stdout)
```

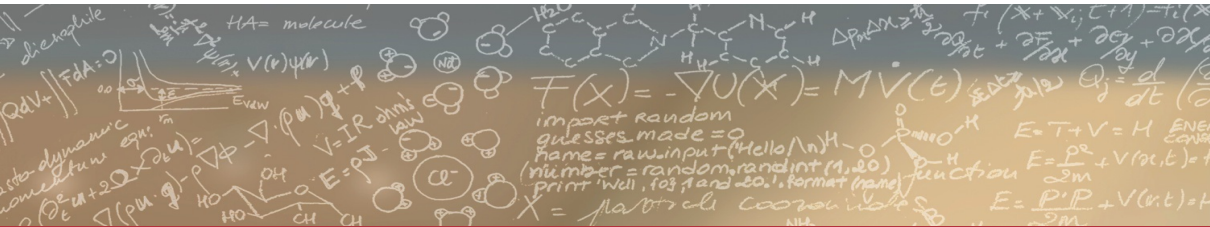

Shell code listings

Example copied from

https://reframe-hpc.readthedocs.io/en/stable/tutorial_basics.html

```
#!/bin/bash
#SBATCH --job-name="rfm_StreamWithRefTest_job"
#SBATCH --ntasks=1
#SBATCH --output=rfm_StreamWithRefTest_job.out
#SBATCH --error=rfm_StreamWithRefTest_job.err
#SBATCH --time=0:10:0
#SBATCH -A csstaff
#SBATCH --constraint=gpu

module unload PrgEnv-cray
module load PrgEnv-gnu
export OMP_NUM_THREADS=4
export OMP_PLACES=cores
srun ./StreamWithRefTest
```



Thank you for your attention