

\$ ck pull repo:ck-crowdtuning

\$ ck load module:experiment.tune.compiler.flags.gcc --min

```
{
  "desc": "explore GCC compiler flags",
  "experiment_1_pipeline_update": {
    "choices_order": [ ["##compiler_flags#*"] ],
    "choices_selection": [
      {
        "type": "random",
        "omit_probability": "0.90",
        "tags": "basic,optimization",
        "notags": ""
      }
    ]
  },
  "improvements_keys": [
    "##characteristics#run#execution_time_kernel_0##obj#$_imp",
    "##characteristics#compile#obj_size##obj#$_imp"
  ],
  "record_keys": [
    "##characteristics#*", "##features#*", "##choices#"
  ],
  "solution_conditions": [
    [
      "##characteristics#compile#md5_sum$#objective#$",
      "._imp", "==", 0
    ]
  ],
  "tags": [
    "program optimization", "explore", "program-features",
    "autotuning", "gcc"
  ]
}
```