```
Application
- ncores new
- R old
- chi C
- m
- M
- Deadline d
- csi
- alpha

    beta

+ Application()
+ compute_alpha_beta()
+ get session app id()
+ get_app_id()
+ get_w()
+ get_term_i()
+ get_chi_0()
+ get_chi_C()
+ get_m()
+ get_M()
and 23 more...
              +elements
std::vector< Application >
               -APPs
          Batch
+ Batch()
+ calculate nu()
+ initialize()
+ fix_initial_solution()
+ write results()
+ show_session_app_id()
+ show_bounds()
+ show solution()
+ get_begin()
+ get cbegin()
+ get_end()
+ get_cend()
+ get empty()
```