
yamlcast Documentation

Release latest

December 08, 2014

1	Requirement	3
2	Install	5
3	Usage	7
4	License	9

yamlcasr is a simple YAML serialization library for pficommon. You can serialize and deserialize arbitrary data with pficommon's serialization method.

Requirement

- pficommon
 - <https://github.com/pfi/pficommon>
 - Common library for C++ including serialization library
- libyaml
 - <http://pyyaml.org/wiki/LibYAML>
 - YAML library for C

Install

```
$ ./waf configure
$ ./waf
$ ./waf install
```

Usage

This library works like pficommon's serialization library. It provide a thin wrapper for libyaml.

```
yamlcast::docuemnt::ptr doc = yamlcast::document::parse_file(path);
```

Or,

```
yamlcast::docuemnt::ptr doc = yamlcast::document::parse_string(str);
```

And, use *serialize* method and *operator &* for your own strcuts like pficommon.

```
struct User {  
    int age;  
    std::string name;  
  
    template <typename Ar>  
    void serialize(Ar& ar) {  
        ar & MEMBER(age) & MEMBER(name);  
    }  
};  
  
User user = yamlcast::yaml_cast<User>(*doc);
```

See the tests for more usage!

License

This library is distributed under MIT license.