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#include <boost/test/unit_test.hpp>

#include "command_line_options_parser.hpp"

BOOST_AUTO_TEST_CASE(recognises_verbose_output_option) {
    cic::command_line_options_parser parser;
    const char *argv[] = {"ci", "--verbose"};
    auto config = parser.parse(2, argv);

    BOOST_CHECK(config.verbose_output());
}

BOOST_AUTO_TEST_CASE(recognises_server_address_as_an_option) {
    cic::command_line_options_parser parser;
    const char *argv[] = {"ci", "--server=http://server.com/path"};
    auto config = parser.parse(2, argv);

    BOOST_CHECK_EQUAL("http://server.com/path", config.server_url);
}

BOOST_AUTO_TEST_CASE(recognises_username_as_an_option) {
    cic::command_line_options_parser parser;
    const char *argv[] = {"ci", "--username=graham"};
    auto config = parser.parse(2, argv);

    BOOST_CHECK_EQUAL("graham", config.username);
}

BOOST_AUTO_TEST_CASE(recognises_username_short_option) {
    cic::command_line_options_parser parser;
    const char *argv[] = {"ci", "--u=graham"};
    auto config = parser.parse(2, argv);

    BOOST_CHECK_EQUAL("graham", config.username);
}

BOOST_AUTO_TEST_CASE(recognises_password_as_an_option) {
    cic::command_line_options_parser parser;
    const char *argv[] = {"ci", "--password=passwd"};
    auto config = parser.parse(2, argv);

    BOOST_CHECK_EQUAL("passwd", config.password);
}

BOOST_AUTO_TEST_CASE(recognises_password_short_option) {
    cic::command_line_options_parser parser;
    const char *argv[] = {"ci", "--p=passwd"};
    auto config = parser.parse(2, argv);

    BOOST_CHECK_EQUAL("passwd", config.password);
}

BOOST_AUTO_TEST_CASE(sets_help_request_for_help_switch) {
    boost::program_options::options_description desc;

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desc.add_options()  
    ("help", "display this option");  
  
boost::program_options::variables_map variables;  
  
const char *argv[] = {"ci", "--help"};  
  
boost::program_options::store(boost::program_options::parse_command_line(  
2, argv, desc), variables);  
  
boost::program_options::notify(variables);  
  
BOOST_CHECK(variables.count("help") > 0);  
}
```