

Юзабилити тестирование было проведено на школьниках сборной Москвы по информатике. В одной из задач на сборки чекером служил данный проект.

The screenshot shows the Polygon Codeforces editor interface in Mozilla Firefox. The main area displays the source code for a file named 'main.cpp'. The code defines a 'HugeInteger' class with various operators and methods. The sidebar on the right contains problem details for 'John-david' (DmitryGrigorev, id=88367). The details include a note, well-formed status, statements, checker, validator, tests, solutions, package, and verification information. At the bottom, there are buttons for 'Update Working Copy' and 'Commit Changes'.

File: main.cpp

```
153 }
154
155
156 class HugeInteger {
157 public:
158     typedef uint32_t base_t;
159
160     HugeInteger(const HugeInteger& other);
161     HugeInteger(HugeInteger&& other);
162
163     template <class IntegerType = int>
164     HugeInteger(IntegerType number = 0);
165     HugeInteger(const char* number_str);
166
167     ~HugeInteger() = default;
168
169     bool IsNegative() const;
170     size_t Size() const;
171
172     HugeInteger& operator=(const HugeInteger& other);
173     HugeInteger& operator=(HugeInteger&& other);
174
175     HugeInteger& operator+=(const HugeInteger& value);
176     HugeInteger& operator-=(const HugeInteger& value);
177     HugeInteger& operator*=(const HugeInteger& value);
178     HugeInteger& operator/=(const HugeInteger& value);
179     HugeInteger& operator%=(const HugeInteger& value);
180
181     HugeInteger& operator++();
182     const HugeInteger operator++(int);
183
184     HugeInteger& operator--();
185     const HugeInteger operator--(int);
186
187     friend HugeInteger operator+(const HugeInteger& value);
188     friend HugeInteger operator-(const HugeInteger& value);
189 }
```

Problem: John-david (DmitryGrigorev), id=88367  
Note: [click here to add note](#)  
Well-formed: true  
Statements: [russian](#)  
Checker: [main.cpp \(1\)](#)  
Validator: [None \(none\)](#)  
Tests: [tests \(99\)](#)  
Solutions: [main.cpp \(1/1\)](#)  
Package: for revision 4  
Verification: [\(start\)](#)

Access: Write:3, Read:0  
Access Type: OWNER  
Problem revision: 4  
Working copy revision: 4  
Invokers waiting: 12  
[View changes](#)  
<https://polygon.codeforces.com/p7nGjmk/DmitryGrigorev/john-david>  
[Update Working Copy](#) [Commit Changes](#)

Эта задача была задачей В на туре сборов 27 марта. Из 60+ человек не было ни одного сообщения о некорректной работе чекера.