

Отчет к занятию 5

Изменения:

```
56 case eprocess_type::by_rows:
57 {
58     for ( size_t i = 0; i < numb_rows; ++i )
59     {
60         cilk::reducer<cilk::op_add<double>> sum;
61         cilk_for(size_t j = 0; j < numb_cols; ++j)
62         {
63             *sum += matrix[i][j];
64         }
65         average_vals[i] = sum.get_value() / numb_cols;
66     }
67     break;
68 }
69 case eprocess_type::by_cols:
70 {
71     for ( size_t j = 0; j < numb_cols; ++j )
72     {
73         cilk::reducer<cilk::op_add<double>> sum;
74         cilk_for(size_t i = 0; i < numb_rows; ++i)
75         {
76             *sum += matrix[i][j];
77         }
78         average_vals[j] = sum.get_value() / numb_rows;
79     }
80     break;
81 }
```

```
159 PrintAverageVals( eprocess_type::by_cols, average_vals_in_cols, numb_cols );
160
161 for (size_t i = 0; i < numb_rows; ++i)
162 {
163     delete[] matrix[i];
164 }
165 delete[] matrix;
166 delete[] average_vals_in_rows;
167 delete[] average_vals_in_cols;
168 }
```

Результаты Intel Parallel Inspector:

Locate Deadlocks and Data Races

Target
Analysis Type
Collection Log
Summary

Problems

No Problems Detected

Intel Inspector detected no problems at this analysis scope. If this result is unexpected, try rerunning the target using an analysis type with a wider scope. Press F1 for more information.

Filters

Sort

Severity
Type
Source
Module
State
Suppressed
Investigated

Detect Leaks

Target
Analysis Type
Collection Log
Summary

Problems

ID	Type	Sources	Modules	Object Size	State
P1	Missing allocation	[Unknown]	ucrtbase.dll		New
P2	Missing allocation	[Unknown]	ucrtbase.dll		New

Code Locations: Missing allocation

Description	Source	Function	Module	Object Size	Variable
Invalid deallocation site	ucrtbase.dll!0a2df0e	o_free	ucrtbase.dll		

Timeline

[Unknown] (12768)

Утечки в сторонних библиотеках

Locate Memory Problems

Target
Analysis Type
Collection Log
Summary

Problems

No Problems Detected

Intel Inspector detected no problems at this analysis scope. If this result is unexpected, try rerunning the target using an analysis type with a wider scope. Press F1 for more information.

Filters

Sort

Severity
Type
Source
Module
State
Suppressed
Investigated