Переписка с профессором кафедры механических систем калифорнийского университета Беркли Дэвидом Ослендером автором книги «Управляющие программы для механических систем. Объектно-ориентированное проектирование систем реального времени, М.: БИНОМ. Лаборатория знаний, 2004.

Anatoly Shalyto wrote:

Dear David!
I'm a professor of Computer Technologies Department of
State University of IT, Mechanics and Optics,
St.-Petersburg, Russia. Students of our department are absolute
champions of the world at ACM Programming Contest, 2004.
Since 1991 I've been developing a technology of programming
based on finite state machines.
Ideas are similar to your ones, but are applicable much wider, than
"mechanical systems". I write this letter after purchasing your book
"Control Software for Mechanical System".
I have many work (mostly in Russian). They are at http://is.ifmo.ru.
You are welcome. There you can find "English" chapter. You can find other references in
English to my work at my CV (http://is.ifmo.ru/english/_CV-Shalyto.pdf).
The most interesting is "Projects" chapter. They are in Russian, but
have English annotations.

I am interested in the cooperation.

Best regards, Anatoly Shalyto.

Dave Auslander wrote:

Anatoly -- thanks for making contact. I looked at the English section of
your web site and found it very interesting. I agree that the
finite-state-machine model is useful in a wider domain than mechanical
systems. I chose to limit my work there because that is my main interest
- I'm in the mechanical engineering department here and this material
is not covered elsewhere in the mech engrg curriculum, although I think
for a modern mechanical engineering it is critical.

'd be happy to do some cooperative work -- how would you suggest we start?

Thanks
Dave

Shalyto wrote:

Dear David.

Thanks for your interest. I suggest that we should start with the
mutual investigation of our papers. I have lots of projects developed
with my approach here (http://is.ifmo.ru/?i0=projects). Unfortunately

they are is Russian, but diagrams (state diagrams, class diagrams and others) and code explain a lot.

I consider two approaches: object-oriented and procedural. Good example of the first approach is http://is.ifmo.ru/?i0=projects&i1=tanks and http://is.ifmo.ru/?i0=projects&i1=robocode2.

And for the procedural approach good example is http://is.ifmo.ru/?i0=projects&i1=dg . I suppose that only my notation allows so complicated logic.

The funny thing is that it will be good if you find a student that know Russian. As for me I have a lot of English-speaking students ;-)

Thanks, Shalyto.