Integration of Hi-Lite in MyCCM

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Questions

- What to check in the source code?
- Where to put what information for that?
Structure of the MyCCM source code

- Business code (user)
- Envelope code (generated)
- Deployment code (generated)
- Runtime layer (hand written code)

Implementation of operations: ✔
Declarations of operations and data types: ✔
Mainly pointer allocations: ✗
Fifo, task implementation: ?
In interface definitions

- Associate pre and post conditions to operation declaration
- Then generate the corresponding “with” statements in source code
  - Code of component envelopes
  - Code of component implementation

Problem

- Envelope source code uses pointers (accesses)
  - Not conformant with Alfa
  - These accesses are in the heart of MyCCM: they cannot be removed
- Current investigation: put additional code above these accesses