

CLI REP loop is supported by **ReplApplication** class (see its description).

In order to support nested* commands (syntax that uses \$(...)) each line of user input is evaluated iteratively:

1) Input line is parsed with **Parser**;

2) AST nested commands \$(...) that do not have other nested commands as descendants are found by **FindVisitor**;

3) If any nodes were found, they are evaluated with locally by **EvalVisitor**, transforming the AST in place. Otherwise evaluate the entire tree with **EvalVisitor** and exit the loop;

4) Convert the AST to string with **PrintVisitor** and go to item 1, where resulting string is now considered to be an input string.

*Yes, we know that we didn't have to handle it. But it was created before you replied us in Teams :)

Description

Dream team:

- * Porsev Egor
- * Utkin Ilya
- * Vildanov Emir

