

Software Architecture Report

Calc Net

In this project, we run 6 kinds of machines which help to compute an assignment statement. Each of this machine will handle a part of the work. The RHS of assignment statement is an arithmetic expression. A Machine takes assignment statement and send RHS arithmetic expression to E machine. E Machine split the expression and send the term to T1 and T2 machine. Both T machines analyze the received expression and perform action. Machine P computes result for exponential expression if T Machine contains exponential term. D machine provide value for variables received either in T or P machine.

Here, is the architecture of the project. It consists of an application which is a HTML file that runs on a browser. The user is given with the basics file and web browser to run the application. The main HTML page which consists of many methods and functions are used to build the Calc Net project. This project is developed using JavaScript and basic HTML with CSS.

Our architecture system of the project looks like as shown below.

