

normalises the variable scales and then calculates the optimal score for the three variables as a distance from a pre-set ideal optimum.

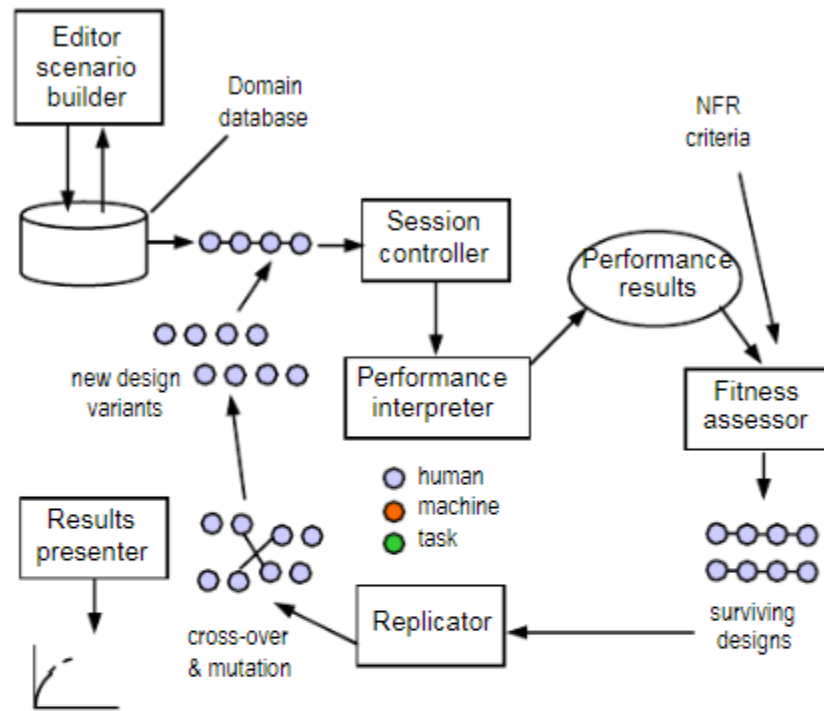


Figure 3. Architecture of the ERA tool, illustrating the evolutionary cycle.

Chromosome replicator: carries out crossover and mutation operations to create new individuals following the constraints in the domain database. The individuals are then fed back into the Performance assessor.

Results presenter: stores the performance variables of the top ten survivors for each evolutionary cycle and

There are few guidelines which can be followed while coding in PHP.

- **Indenting and Line Length** – Use an indent of 4 spaces and don't use any tab because different computers use different setting for tab. It is recommended to keep lines at approximately 75-85 characters long for better code readability.
- **Control Structures** – These include if, for, while, switch, etc. Control statements should have one space between the control keyword and opening parenthesis, to distinguish them from function calls. You are strongly encouraged to always use curly braces even in situations where they are technically optional.

Examples

```
if ((condition1) || (condition2)) {  
    action1;  
}elseif ((condition3) && (condition4)) {  
    action2;  
}else {  
    default action;  
}
```

You can write switch statements as follows –

```
switch (condition) {  
    case 1:  
        action1;  
        break;  
  
    case 2:  
        action2;  
        break;
```