

How to use the select statement

version 1.0.0beta1

scope Example. This code is provided as example code for a user to base their code on.

description How to use the select statement

A select statement waits for one of a set of inputs to become ready, performs the selected input and then executes a corresponding body of code. Each input is preceded by the keyword case and its body must be terminated with a break or return statement. Case statements are not permitted to contain output operations.

In this example the select statement is used to wait for either an input on chnlend_a or an input on chnlend_b. When an input is received from either channel the value of the input is printed.

```
select
{
    case chnlend_a :> chnl_input_a :
        printstr("Channel Input A Received ");
        printintln(chnl_input_a);
        break;
    case chnlend_b :> chnl_input_b :
        printstr("Channel Input B Received ");
        printintln(chnl_input_b);
        break;
}
```