CASE Statement

A case statement has been implemented. This is a Ruby-style syntax of case, but extended to allow expressions in the when clause rather than just values:

The case syntax is:

```
CASE <expression> BEGIN
   WHEN <expression_list> <statement>
   [WHEN …]
   <default_statement>
  END
```

Where <expression_list> is <expression>[, <expression_list>]

Note: <expression> does not include boolean expressions.

Examples:

```
$a = 5;
case $a begin
   when 1,2,3 console("Number too small");
   when 4,4+1,4+2 begin
      console("Just right");
      end
   when my_range() console("Is in my range");
   console("Number not in range");
   end

function my_range() begin
   return 10;
   end
```

Case does not include _boolean expressions_, but this works (below), although not seen as particularly useful:

```
$b = true;
case $b begin
   when true console("Is true");
   when false console("Is false");
   console("Not bool");
   end
```

The set of when clauses can include duplicate expressions, only the first is executed:

```
$a = 5;
case $a begin
   when 1 console("Is one");
   when 5 console("Only this is executed for 5");
   when 6 console("Is six");
   when 5 console("Not executed already done for 5");
   console("Not in list");
   end
```