## **Description**

A Lavishacript query string is a mash formula where all variables are relative to a specific object, and results in a boolean value — the query is either true, or it is false. That is to say, it efficiently determines whether one object meets various conditions. Query math can compare and manipulate text, decimals, or integers (note that bool counts as an integer for this purpose) with standard math operators. Text comparisons are not come sensitive.

#### **Expression/Operator Notes**



#### **Technical Notes**

## **Example 1**

### Example 2

```
function main() {
    variable indersites Items
    variable interactor ItemSteador
    variable interactor ItemSteador
    variable int Counter = 1

MespheryTheory(Items, Name - "Incondescent" & Sociation -- "Bank" & SQuentity > 1]
Items(mainterator)[ItemSteador]

if $[ItemSteador;[ItemSteador]]

if $[ItemSteador;[ItemSteador]]

do
    (
    (counter) & $[ItemSteador, Value, Name) [$[ItemSteador, Value, Sociation)] [Level: $[ItemSteador, Value, Quantity]]*

    Counter:Inc
    juhile $[ItemSteador, Name of Counter]]

| Additional Counter of Co
```

# Example 3

2024-04-26 1/3

```
}
while ${MyEffectsIterator:Next(exists)}
;;; Detrimental Effects
     ill]

Jiji The following routise illustrates how to iterate through detrimental effects. To return a single

Jiji effect, you can do so by using the "Ouery" argument along with a lawishooft Coney String. For example

Jiji to Cobesi (The character has a detrimental effect with a Moinfound D 214, simply uses

Jiji "if S|Do.Effect(Comey, Type - "Detrimental" is MainfoundD - "224" [Exists)!"
                       ); This routine is echoing the effect's "Name", so we must ensure that the effectinfo 
); datatype is available.
(i(5)MyEffectalterator.Value.IsEffectInfoAvailable))
                                 1) When you check to see if "Intificatinfolvailable", ISZCO checks to see if it's already
1) cached (and immediately returns true if so). Otherwise, it spawns a new thread
2) to request the details from the server.
                                   )
while (!S[MyEffectsIterator.Value.IsEffectInfoAvailable))
                         ;; At this point, the "ToEffectInd" MEMDERs of this object will be immediately available. It should 
;; remain available until the cache is cleared/easet (which is not very often.)
               )
while S(MvEffectsIterator:Next(exists))
  Illillillillil
I Maletaine Effects (buffs)
Illillil
Illil
Il
  echo "Maintained Effects (Buffs):"
variable string Duration
variable string EffectTarget
variable int CountMaintained
    CountMaintained:Set[S{Me.Co
                     if (${Me.Maintained[${Counter}].Duration.Equal[-1]})
    Duration:Set["N/A"]
                      else
Duration:Set[${Me.Maintained[${Counter}].Duration.Precision[2]}}]
                     if (${Me.Maintained[${Counter}].Target(exists)})
    EffectTarget:Set[${Me.Maintained[${Counter}].Target.Name}}
               while (S(Counter:Inc) <= S(CountMaintained))</pre>
  if (S{Target(exists)})
                                  p: This routine is echoing the effect's "Name", so we must ensure that the effectinfo
p: datatype is available.
if(%[Target.Effect[%[Counter]].REEffectInfoAvailable))
                                            17 When you check to see if "inffectInfoAvailable", ISEQQ checks to see if it's already
12 cached (and immediately returns true if'sol. Otherwise, it spams a new thread
do to request the details from the server.
                                                     waitframe

j; It is O'to use vaitframe here because the "faffsctinfolvailable" will simple return

j; This while the details acquisition thread is still running. In other words, it

j; will not span the server, or anything like that.
                                             } while (!${Target.Effect[${Counter}].IsEffectInfoAvailable})
                                  ;; At this point, the "Tofffectinfo" MEMBER of this object will be immediately available. It should ;; remain available until the cache is cleared/reset (which is not very often.)
                                   echo *- ${Counter}. ${Target.Effect[${Counter}].ToEffectInfo.Name} (ID: ${Target.Effect[${Counter}].ID}, MainIconID: ${Target.Effect[${Counter}].MainIconID: }
           )
else
echo "NONE"
   echo "NO TARGET"
```

2024-04-26 2/3

# **Example 4**

2024-04-26 3/3