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Personal tools

# Gates ranger

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## Distance

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Go

Inputs:

RangerData

Outputs:

N

 Out

Description:

Outputs the distance from the start position to hit position or end position.

## Entity

Inputs:

RangerData

Outputs:

E

 Out

Description:

Outputs the Entity the trace hits, null when there isn't.

## Hit

Inputs:

RangerData

Outputs:


N

 Hit


Description:

Outputs 1 when the trace hits something, 0 when not.


## HitNormal

<b>Inputs:</b>	RangerData
<b>Outputs:</b>	 Out
<b>Description:</b>	Outputs a normalized vector perpendicular to the surface where the trace hits.


## HitPosition

<b>Inputs:</b>	RangerData
<b>Outputs:</b>	 Out
<b>Description:</b>	Outputs the vector position where the trace hits.

## HitWorld

<b>Inputs:</b>	RangerData
<b>Outputs:</b>	 Hit
<b>Description:</b>	Outputs 1 when the trace hits the world, 0 when not.

## Trace

<b>Inputs:</b>	 StartPos EndPos
<b>Outputs:</b>	RangerData
<b>Description:</b>	Return rangerdata from StartPos to EndPos

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