Covey Roleplay Sim Control System

Introduction

The Covey Roleplay Sim Control System is a full-featured set of tools to help those running roleplay regions. It features the following:

- Access controls
- Experience Teleports
- Doors (Two breakable modes)
- Greeters/Warnings/Trap with an API to allow add-ons
- Multiple (Connected) Region configurations
- Multiple Groups
- Region End User Licence Agreements with enforcement option
- Rules Delivery
- Local Message Relay (to a repeater in the same sim)
- Multi Region Message Relay
- Local Relays

Introduction – How it works

The whole system connects to a server. The server has the following lists.

- Rules: Avatars that agreed to the sim rules.
- Users: Avatars are allowed to use items connected to the server.
- Admins: Avatars can change settings on items connected to the server.
- Banned: Avatars are banned from using items connected to the server.
- Groups: Groups are given user-level access items connected to the server.

Multiple servers can be set down, each with one or more groups assigned. This allows different roleplay groups in the same region to have their own access lists, rules and groups. Each server is assigned a number, and items connected to that server must be set to the same server number. There is also a region relay for connected sims.

Introduction – Connected Sims

The region relay is functional when one roleplay group spans multiple regions. If the access lists are updated in one area, the updated information is relayed to the server with a matching server number in the connected region through the relay. That server then updates all items connected to it.

Introduction - Access Controls

The following access options can be set for all items: everyone, everyone except banned, List, Group (multiple), Group and list.

Introduction - Props

The Covey Role Play system comes with props you can use. They are all PBR and standard materials are enabled so that they will work with newer and older viewers. However, the scripts can be added to your items if you prefer. Use of the props is optional.

Using Your Own Items

First, drop in the 'Set LinksetData Defaults' script to use your items. It will tell you they are set and self-delete. Then add in the scripts for the item you are creating.

Roleplay Server



The server is the heart of the Covey Roleplay system. There are three parts to the server.

- Server
- Groups (must be a child prim of the server)
- Region Relay

The images below were taken in the Firestorm Viewer using the Vintage skin. If you use a different viewer or skin, you may see things differently visually, but the process remains the same.

Roleplay Server – The Server



Roleplay Server – Info Name



Roleplay Server – Username

This displays the avatar name (not display) name of the avatar using the menu in local chat.

Roleplay Server – Server Number



Roleplay Server – Access

Manwa Pastorelli's 'Covey Role Play Server' Choose An Option	Each menu lets you clear the list, display the list and add or remove avatars.
RuleAccess MainMenu Done UserAccess AdminAcces BanAccess Ignore	

Roleplay Server – Edit Access List



Roleplay Server – Groups



Roleplay Server – Set the Group

The group item must be set to the group you wish to add access to. Then, it must be linked to the server so that the server remains the root prim.

Touch Edit Edit PBR Material Build Open Sit here	 Right-click on the object and then choose Edit from the menu.
	 Click on the button to choose the group. Choose the group from the list. Click Ok
Image: Control of the con	 Edit the group object again, then hold down the CTRL key and left-click on the server. Both items will be highlighted. It is essential to make sure you select the server last. Click on the Link button.
Image: Construction	7. If you have done this correctly, the server will be highlighted in yellow, and the group object, now a child of the server, will be in a different colour.

Roleplay Server – Multi Region Setup – Region Relay



Region relays should be set less than 10m apart, with one relay on each side of the SIM border. The diagram below is an example of a 3x3 cluster of sims.



In the diagram above, each coloured box represents a region. The white dots are region relays.

Each relay must be within 10m of the relay in the other region. However, if you have three relays, all within 10m of each other, this will cause an infinite communication loop. The best practice is to avoid putting relays in the corners of sims and place them along the midpoint of each border.

It is important to note that when clustering sims like this, there are no region relays between 1:4, 3:6, 4:7 or 6:9. Adding relays on those borders would potentially create an infinite communication loop.

Experience Teleports



Experience Teleports – Adding to the Estate or Parcel

Region / Estate		Choose Experience ? _ X Enter part of the name: Covey Gore	1.	World Menu, Region
Changes to settings on this tab will af		Max Content Rating: G General 🗸		Details
Key Experiences: (G, max B) (empty)	Add	Name Covner Covey Experience Phoenix Diamond	2.	Experiences Tab
			3.	Under Allowed
				Experiences, click Add
Allowed Experiences (2, max 8) Covey Experience	Only Experiences that are Land-Scope may be Allowed.		4.	Type in Covey in the
The Crisp Experience	Remove Allowed Experiences have permission to run on this estate.			search box
		CK Cancel View Iraine (* (*)	5.	Click on the Covey
Blocked Experiences: (0, max 8) (empty)	Only Grid-Scope Experiences may be Blocked			Experience to select it,
		iamond storelli		then click ok.
About Land	e المراجع (Access) المراجع	Choose Experience ? _ × Enter part of the name:	1.	World Menu, Parcel
		Covey General Common Co		Details
Allowed Experiences: (2, max 24) Experience Novatech Covey Experience	Crily Experiences that are Land-Scope may be Allowed.	Name Owner G Covey Experience Phoenix Diamond	2.	Experiences Tab
Covey Experience	Remove Profile Profile		3.	Under Allowed
				Experiences, click Add
Blocked Experiences: (0, max 24)			4.	Type in Covey in the
(empty)	Addille Blocked Experiences may not run on this parcel.			search box
	Profile	CK Carcel (View Profile) < >	5.	Click on the Covey
				Experience to select it,
				then click ok.
			1	

Experience Teleports – Configuration

Experience Teleports – Main Menu

	Teleport Options
Manwa Pastorelli's 'Covey Teleport'	Message (message sent to avatars
Current Settings: Connect To Server No. = 0	on teleport)
Access Type = Everyone Message Name = NPC	 Range (range of the message
Range = Shout	delivery)
RulesEnforcement = Off Message =	Rules Enforcement (on/off)
Welcome to our sim	Access (who can use the item)
TpOptions Reset	• Server (sever number the item
Message Range RulesEnf	connects to)
Access Server Name	Name (name the item delivers
	messages as)
Ignore	, č,

Experience Teleports – Teleport Options

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Manwa Pastorelli's 'Covey Teleport' Current Setting TpMode = Landmark MainMenu Landmark GlobalCo TpOptions	 Experience Teleports – Teleport Mode Menu Landmark: Sets the name of the landmark to use GlobalCo: Sets the grid coordinates for global positioning
Manwa Pastorelli's 'Covey Teleport' Current Setting: Sim Position =	Experience Teleports – SetPos (Region Position)
Enter Vector <x,y,z>.</x,y,z>	Enter a vector within the region where the avatar should land.
Submit	<x,y,z></x,y,z>
Manwa Pastorelli's 'Covey Teleport' Current Setting:	Experience Teleports – Set Look-At Position
Look At Position = Enter Vector for Look At <x,y,z>.</x,y,z>	Enter a vector within the region that the avatar should face when they land.
Submit Ignore	<x,y,z></x,y,z>
Manwa Pastorelli's 'Covey Teleport'	Experience Teleports – Set Environment
Current Setting: Environment Name = Environment Enter Name	This lets you set the name of an environment asset within the teleports inventory that should be applied to the avatar teleporting.
Submit	
Manwa Pastorelli's 'Covey Teleport' Current Setting: Message = Welcome to our sim Enter LM Name	Experience Teleports – Set Landmark Enter the name of the Landmark in the objects inventory that should be used as the destination.

Experience Teleports – Range

Manwa Pastorelli's 'Covey Teleport' Current Setting Range = Shout MultiSim MainMenu Shout Toucher Whisper	Relay Say Ignore	 MultiSim: Delivers to all avatars on all connected SIMs. Region: Delivers to all avatars on this SIM Relay: Delivers to Local Relays on this SIM. Toucher: Delivers to only the avatar using the teleport. Shout: Local Chat - 96m Say: Local Chat - 20m Whisper: Local Chat 10m
Manwa Pastorelli's 'Covey Teleport' Current Setting RulesEnforcement = Off RulesOn RulesOff	MainMenu Ignore	 Experience Teleports – Rules Enforcement RulesOn: This option only allows avatars that have agreed to the sim rules to teleport. If they have not, the system will deliver a copy of the rules and ask them to agree to them. If they agree, the avatar is teleported. RulesOff: Turns off rules enforment

Experience Teleports – Message

Manwa Pastorelli's 'Covey Teleport' Current Setting:	Sets the message to be delivered when an avatar teleports.
Message = Welcome to our sim Enter Message	This is turned on and off in the TpOptions menu.
Submit Ignore	

Experience Teleports – Server



Experience Teleports – Name

Manwa Pastorelli's 'Covey Teleport' Current Setting: Message Name = NPC	This sets the name of the landmark in the inventory used as a destination for teleport.
Enter name	This will only be used if the teleport mode is set to landmark.
Submit	

Roleplay Doors



Roleplay Doors - Configuration

You can access the door's admin menu by clicking and holding the mouse button down for over two seconds before releasing it.

Roleplay Doors - Main Menu

Manwa Pastorelli's 'Covey Panel Door Glass (High Quality)' Current Settings: Server = 0 Door Close Range: 5 CloseTime: 0 Operation Method: Operation Method: Click Rotation Angle: 90 Rotation Angle: 90 Rotation Axis: Z Rotation Edge: -ve Speed: 10 Access Type: Everyone Operation Method: Click DamageMaxHits: 200 Physical Damage: Off Door Breaking: Off Door Break Multiplier: 30	 RpOptions: Max damage and physical damage. UserMenu: Displays the men given to regular users DoorReset: resets the door Movement: Options: Damage and breaking settings Access: Sets the access level for everyone except bants, owner, list, group, group, and list.
Door Break Multiplier: 30 RP Options UserMenu DoorReset Movement Options Access Ignore Ignore	group, group, and tot.



RpOptions – Menu

	Door Break Menu
Manwa Pastorelli's 'Covey Panel Door Glass (High Quality)'	BreakOn: Turns breaking on
Select From	BreakOff: Turns breaking off
MainMenu	Multpyer: Sets how much stronger
BreakOn BreakOff Multpyer	role play breaking is than physical
Ignore	damage.



Manwa Pastorelli's 'Covey Panel Door Glass (High Quality)' Select Action	This option gives an admin user the exact menu a regular user will see.
Knock UseDoor BreakDoor	If the door is damaged, this will also show the repair door.
	 Knock: Emotes knocking and plays the sound UserDoor: Opens or Closes the door BreakDoor: Starts the breaking process RepairDoor: Starts the repairing process



Manwa Pastorelli's 'Covey Panel Door Glass (High Quality)' Current Settings: Rotation Angle: 90 Rotation Axis: Z Rotation Edge: -ve Speed: 10 Select From Speed SetStartPos MainMenu RotAxis RotAngle RotEdg+/- Ignore	 Speed: Controls how fast the door moves SetStartPos: Sets the position of the door before movement RotAxis: Sets which axis the door rotates around RotAngle: Sets how many degrees the door rotates RotEdge: Alternates which side of the door is the pivot point.
Manwa Pastorelli's 'Covey Panel Door Glass	Speed – Menu
(High Quality)'	Please enter a positive number; it can
Enter Speed value, good values range from 0.5	be a decimal
to 5	Good values from 0.5 to 5

Manwa Pastorelli's 'Covey Panel Door Glass (High Quality)' Please choose from the following options MainMenu X-Axis Y-Axis Z-Axis Ignore	Rotation Axis – Menu • X-Axis • Y-Axis • Z-Axis
Manwa Pastorelli's 'Covey Panel Door Glass	Rotation Angle – Menu
(High Quality)'	Sets how many degrees the door should
Enter Your Desired Rotation Angle Here	rotate around.

Door Options – Menu

Manwa Pastorelli's 'Covey Panel Door Glass (High Quality)' Select From OppMethod MainMenu MaxRange CloseTime Server (Ignore	 OppMethod: Click, Collision or both MaxRange: Maximum distance an avatar can be to use the door. This also controls the leave range CloseTime: Delay for closing after the avatar leaves range. Setting zero will mean immediately. Server: Sets the server number the door connects to.
Manwa Pastorelli's 'Covey Panel Door Glass (High Quality)' Select From Options MainMenu Click Colissions Both Ignore	 Operation Method – Menu Click: Sets to click only Collision: Sets to collision only Both: Turns both on
Manwa Pastorelli's 'Covey Panel Door Glass (High Quality)' Enter the Maximum range an avi can go after opening the door before it closes behind them again	Operation Method – Menu Enter the maximum range in meters from which the avatar can use the door. This also controls the leave range option.

Manwa Pastorelli's 'Covey Panel Door Glass (High Quality)' Enter how long the door should stay open before auto closing in seconds. This will only happen if an avi says stood next to the door after opening it. Otherwise it will be based on when the Avi leaves your set range. Entering a value of 0 will mean never.	Close Time – Menu Enter the number of seconds delay between an avatar leaving range and the door closing. Setting zero will mean it closes immediately.
Manwa Pastorelli's 'Covey Panel Door Glass (High Quality)' Enter the server number here, values from 0 to 999	Server – Menu Enter the server number this door should connect to.



Manwa Pastorelli's 'Covey Panel Door Glass (High Quality)' Current Settings: Access Type: Everyone Select From: MainMenu List Owner AllExBan	 Owner All Except Banned – from server Everyone List – from the server Groups – from the server Groups and List
Ignore	

ColType – Menu



Roleplay Greeter/Warning



Roleplay Greeter/Warning Configuration

The admin menu for the greeter/warning is accessed by performing a long hold. Click on the item and press the button for more than 2s before releasing it.

Greeting Mode:

Anyone in the current access settings triggers the item.

Warning Mode:

Anyone not in the current access settings triggers the item.

Greeter/Warning Main Menu

Manwa Pastorelli's 'Covey Greeter / Warning' Current Settings: Connect To Server No. = 0 Access Type = Everyone Operation Method = Operation Method: Click Message Name = NPC Range = Shout Pause Time = 300 Mode = Greet Collision Type = PassThrough Message = Welcome to our sim Mode OppMethod ColType Message Range Time Access Server Name	 Mode: Greet Warn OppMethod ColType Message Range Time Access Server Name
Manwa Pastorelli's 'Covey Greeter / Warning' CurrentSetting: Mode = Greet Select The Mode Greet Warn MainMenu Ignore	 Greeter/Warning Mode Menu Greet: anyone in the access settings triggers the item Warn: anyone not in the access settings triggers the item.
Manwa Pastorelli's 'Covey Greeter / Warning' CurrentSetting: Operation Method = Select from MainMenu Click Colissions Both	 Greeter/Warning Operation Method Menu Click: Click only Collisions: Collision only Both: Both clicks and collisions trigger the item
Manwa Pastorelli's 'Covey Warning' CurrentSetting: Collision Type = PassThrough Select Collision Type MainMenu PassThrough WalkOn Solid	 Greeter/Warning Collision Type Menu Settings only count if collisions are turned on. PassThrough: Triggers when the avatar leaves the collision object
Ignore	 WalkOn: Triggers when the avatar enters the object

	 Solid: Triggers when the avatar hits the solid object.
Manwa Pastorelli's 'Covey Greeter / Warning' CurrentSetting: Message = Welcome to our sim Enter the message you wish to be shouted	Greeter/Warning Message Menu Sets the message that is delivered when the item is triggered. Type the message to be delivered when the object is triggered and click submit.
Manwa Pastorelli's 'Covey Greeter / Warning' CurrentSetting: Range = Shout Select Range MultiSim MainMenu Shout Region Relay Toucher Whisper Say (Ignore	 Greeter/Warning Range Menu Toucher: message only the avatar that clicked or collided Whisper: Local Chat – 10m Say: Local Chat – 20m Shout: Local Chat – 96m Region: All avatars in the region Relay: Sends to local relays in region MultiSim: All avatars on this and connected regions.
Manwa Pastorelli's 'Covey Greeter / Warning' CurrentSetting: Pause Time = 300 Enter seconds to pause after a message	<i>Greeter/Warning Range Menu</i> After the greeter/warning is triggered, there is a delay before it can be triggered again. This allows you to set the delay in seconds.
Manwa Pastorelli's 'Covey Greeter / Warning' CurrentSetting: Access Type = Everyone Select From List Owner MainMenu Everyone Groups Group+List (gnore)	Greeter/Warning Access Menu In Greet mode, everyone is the setting triggers the item In Warning mode, everyone except those in the setting triggers the item.
	 Everyone Owner List – Set by the server Groups – Set by the server

	Groups and List
Manwa Pastorelli's 'Covey Greeter / Warning' CurrentSetting: Server No. = 0 Enter Number (0 to 999)	Greeter/Warning Server Menu Sets the server number that this object connects to
Submit	Enter the number and click submit.
Manwa Pastorelli's 'Covey Greeter / Warning' CurrentSetting:	Greeter/Warning Name Menu
Enter Name you wish to appear when a message is sent	Sets the name that is displayed when messages are delivered to avatars.
Submit Ignore	Type the name and click submit.

Warning/Greeter Api

The API sends the following linked messages when the item is triggered and untriggered.

llMessageLinked(LINK_THIS, 1, "TriggeredFalse", NULL_KEY);

IllMessageLinked(LINK_THIS, 1, "TriggeredTrue", NULL_KEY);

Rules Giver



Rules Giver Configuration

Access to the admin menu is via a long touch. Click and hold the mouse for 2s or longer, then release.

Manwa Pastorelli's 'Covey Rules Giver' Current Settings: Connect To Server No: 0 Access Type: RulesEnforcement: Off Avatar Sensor: Off Sensor Range: 10 Sensor Rate: 60 Sensor Message: Rules Being Delivered HoverText Sensor Access Server RulesEnf Ignore	 Rules Giver Main Menu Hover Text Sensor Access Server RulesEnf
Manwa Pastorelli's 'Covey Rules Giver' Enter the hover text to display here Submit	Rules Giver Hover Text Menu Sets the hover text. Enter the text to display and click submit.
Manwa Pastorelli's 'Covey Rules Giver' Select From. Range Rate SensorOn SensorOff SensorMsg Ignore	Rules Giver Sensor Menu Range Rate SensorOn SensorOff SensorMsg
Manwa Pastorelli's 'Covey Rules Giver' Enter the server number here, values from 0 to 96	Rules Giver Sensor Menu It lets you set the range in the sensor detects avatars. The valid range is 0 to 99

Manwa Pastorelli's 'Covey Rules Giver' Please Select The People you want to have access to open the door MainMenu List Owner AllExBan Everyone Groups Group+List Ignore	Rules Giver Access Menu Owner Everyone All Except Banned List Groups Groups + List
Manwa Pastorelli's 'Covey Rules Giver' Enter the server number here, values from 0 to 999	Rules Giver Server Menu Sets the server number to which this object connects. Enter the number and click submit.
Manwa Pastorelli's 'Covey Rules Giver' Please select the mode RulesOn RulesOff MainMenu Ignore	 Rules Enforcement Menu When rules enforcement is on, if someone requests the rules and they have not already agreed to them. They will also be asked to agree to the rules. RulesOn: Turns rules enforcement on. RulesOff: Turns rules enforcement off.