Definitions

Therapy – A List of tasks to be completed in order

Session – A given time in which a user completed a Therapy. Contains all of the raw data inputs for the therapy.

Task – An objective for the user to complete

Dialogue Task – A type of task that displays text for the user. It can be completed by a button press or through a time limit.

2D Task – A type of task that requires the user to move in a 2D plane for a given period of time or until the user reaches a given region.

Repeat Task – A type of task that repeats the tasks under it for a given amount of repetitions or for a given amount of time.

Metric – A measurement of a task. Each task completion can be measured in different ways.

1. Total Time – measures the total time to complete the task
2. Time in Region – measures the amount of time the user was in the given region for the task
3. Time out of Region – measures the amount of time the user was not in the given region for the task
4. Path Length – the distance the user traveled in a given task
5. Path Distance – the length of the straight line from where the user began the task to where the user ended the task
6. Path Efficiency – the path distance divided by the path length
7. Motion Area – the area of the smallest rectangle surrounding all the motion during the task
8. Location X Average – the average X position the user was located at
9. Location Y Average – the average Y position the user was located at
10. Location Z Average – the average Z position the user was located at
11. Speed Average – the average speed the user traveled at during the given task
Connect Wii Devices – XP

1. Connect USB Bluetooth device

2. Open Control Panel

3. Open Bluetooth Devices

4. Click Add
5. Check “My device is set up and ready to be found.”

6. Click Next
7. Push Sync button on Wii device

8. Select the Nintendo Device
9. Click Next

10. Choose “Don’t use a passkey.”
11. Click Next (You may need to push the Sync button on the Wii device again)
12. Click Finish

13. Open the TheraWii Software
Connect Wii Devices – XP

1. Connect USB Bluetooth device
2. Open Bluetooth Settings
3. Click New Connection
4. Select Express Mode
5. Click Next

6. Push the Sync button on the Wii Device

7. Select Nintendo Device
8. Click Next

9. Push the Sync Button on the Wii Device again

10. Wait for process to complete
11. Bluetooth Settings will look like the snapshot below
1. Select Therapy Editor
2. Select Therapy
3. Click Play
4. Make sure the required devices are connected
5. Click Ok
6. Choose the user to play the therapy

7. Click Ok

8. Play Therapy
Add Therapy

1. Select Therapy Editor
2. Click Add under Therapy List
3. Input name of therapy
4. Click Ok
Add Task to Therapy

1. Select Therapy Editor
2. Select Therapy in Therapy List
3. Click Add Task on the right side of Task List
4. Choose Task Type
5. Click Create Task
6. Input Task Parameters

![Dialog Task Options](image)

7. Click Ok
Edit Task

1. Select Therapy Editor
2. Select Therapy
3. Select Task
4. Click Edit Task
5. Modify Task Parameters
6. Click Ok
2D Task Options

Name: Move Right

Input Device: Mouse
Input Handling: Absolute

Additional Inputs to Record:

Primary Performance Metric: Path Efficiency

Enable Region

Region Settings
Shape: Rectangle

Position:
X Static
Value: 0.75
Y Static
Value: 0.00

Size:
X Static
Value: 0.30
Y Static
Value: 0.30

End Condition: Time In Region
2.00 Seconds

OK Cancel
View Session

1. Select Profile Management
2. Select a Profile
3. Select a Session
4. Click View Session
# Profile: Profile  
# Date: 5/12/2009  
# Time: 10:01 PM  
# Therapy: Mouse  
# Task Name: Begin  
# Task Type: Therawii.DialogT...  
# Task Name: Stay Still  
# Task Type: Therawii.Task2D  
# Action Time    MouseLeft    MousePosX     MousePosY    MouseRight  
00:00:00 033333  Released   -0.0078125      0.04427081  Released  
00:00:00 066666  Released   -0.0078125      0.04427081  Released  
00:00:00 099999  Released   -0.0078125      0.04427081  Released  
00:00:00 133332  Released   -0.0078125      0.04427081  Released  
00:00:00 166666  Released   -0.0078125      0.04427081  Released
View Metric

1. Select Profile Management
2. Select Profile
3. Click View Metrics

4. Select Therapy
5. Select Task
6. Select Metric