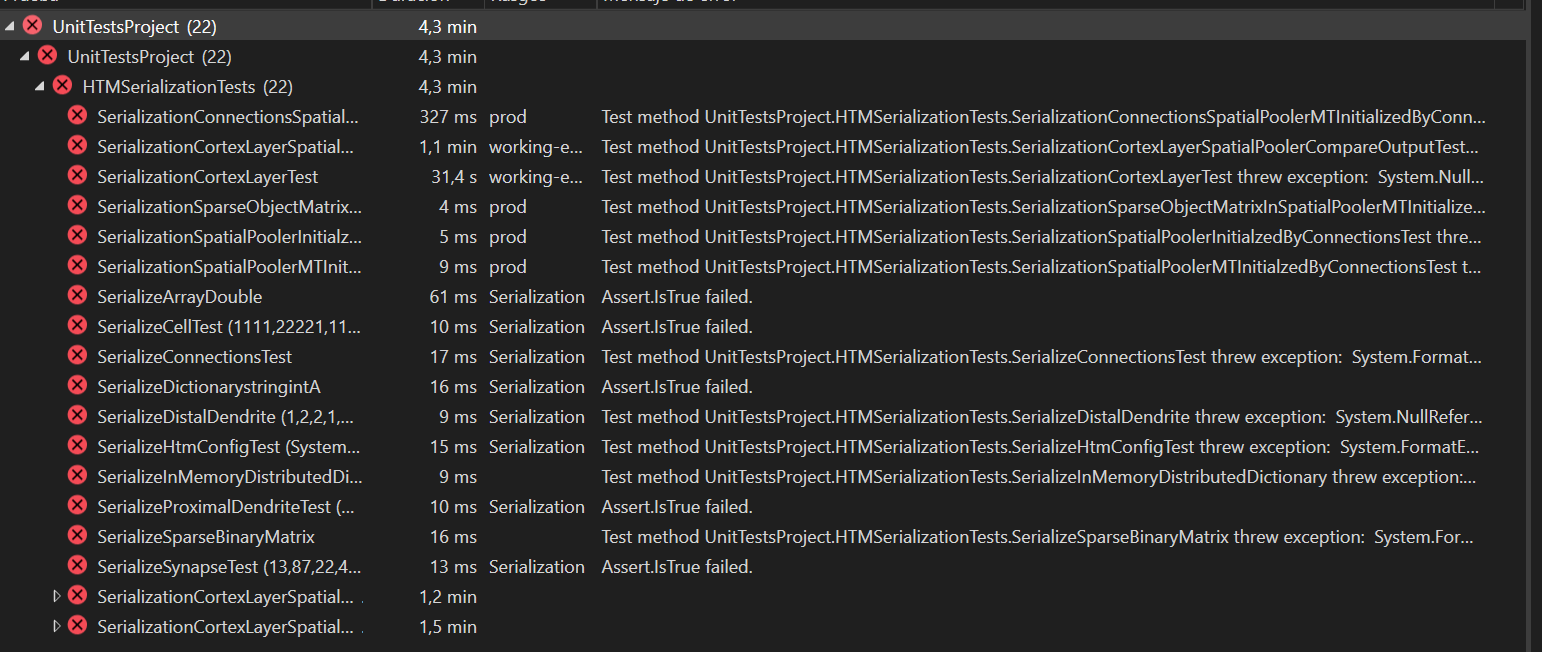
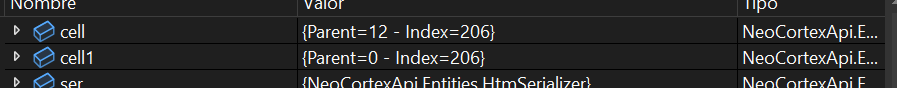
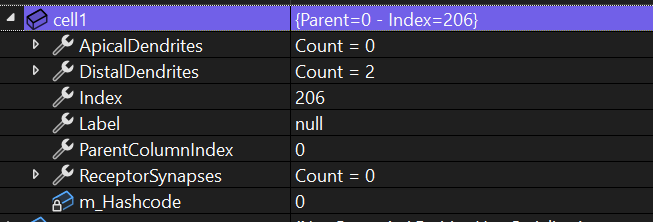
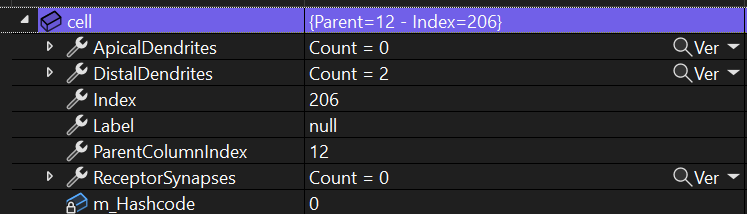
WHICH UNIT TEST DO WE NEED TO SOLVE?



public void SerializeCellTest(int parentIndx, int colSeq, int cellsPerCol, int cellId)

PROBLEM: the parameter parent for our cell is not the same as cell1 so there is being an error in Assert.IsTrue when comparing the two cells

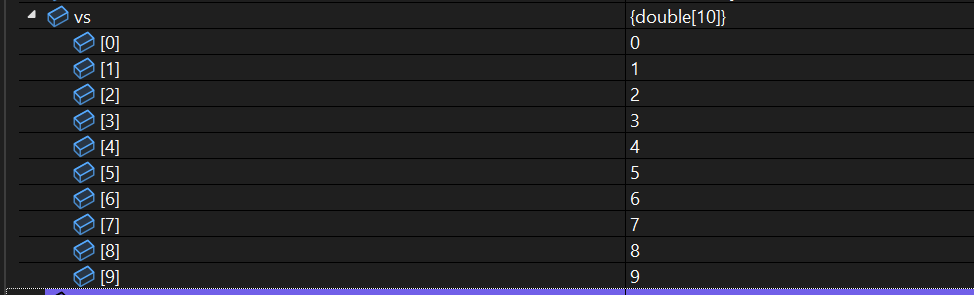


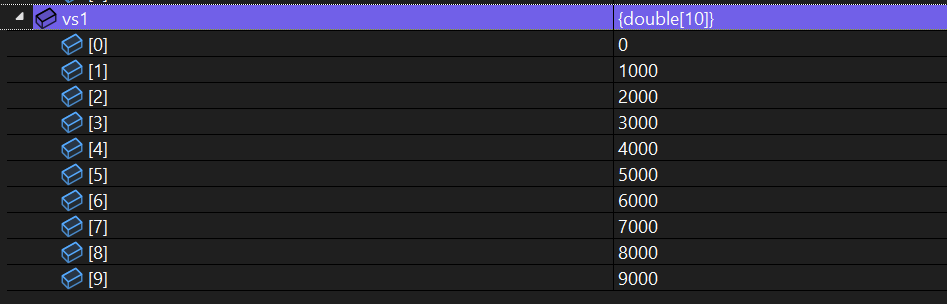
 

SOLUTION: the parameter parentIndx should be a 0 not a 12 as it was written

public void SerializeArrayDouble()

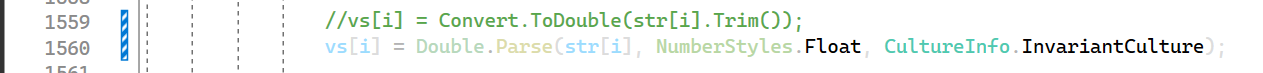
PROBLEM: Assert.IsTrue(vs1.SequenceEqual(vs));





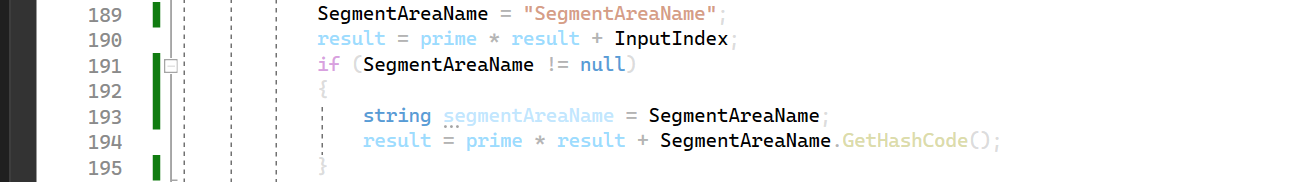
The problem is that after the method Trim() the value is 1.000 which the method Convert.ToDouble() is misreading. Instead of reading a number 1.0 is Reading a 1000.0.

SOLUTION: We use the method Double.Parse with NumberStyles.Float and CultureInfo.InvariantCulture parameter to indicate that we are using a value which decimal part is indicated by a point and not a coma.

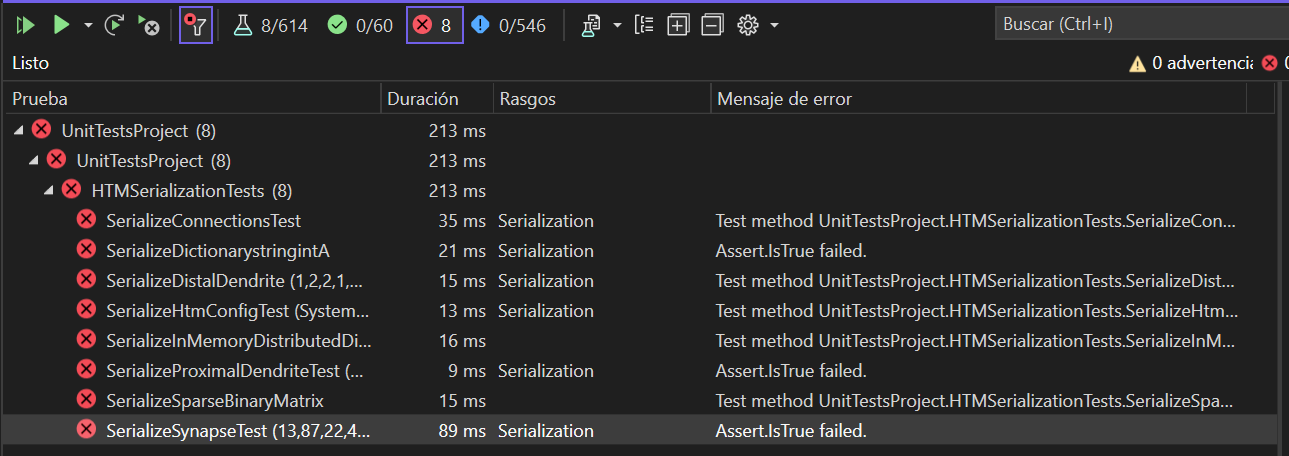


public void SerializationConnectionsSpatialPoolerMTInitializedByConnectionsTest()

PROBLEM: the object SegmentAreaName is set to null or not being initialized, so we are getting a NullReferenceException

SOLUTION: initialize SegmentAreaName

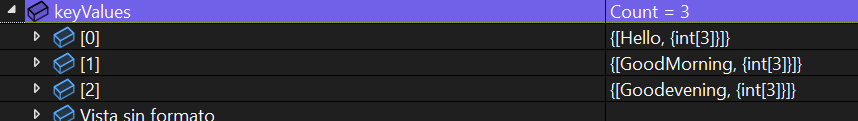
When resolving these UnitTests, and running all again, it looks like some others have been fixed. That means that problems regarding unitTest were shared and when fixing one, we fixed not only one.

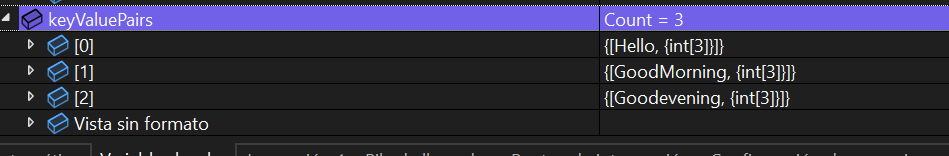


public void SerializeDictionarystringintA()

PROBLEM: Assert.IsTrue(keyValuePairs.SequenceEqual(keyValues));

The main problem is that when debugging it looks like both keyValues and keyValuePairs are indeed the same (pictures attached)

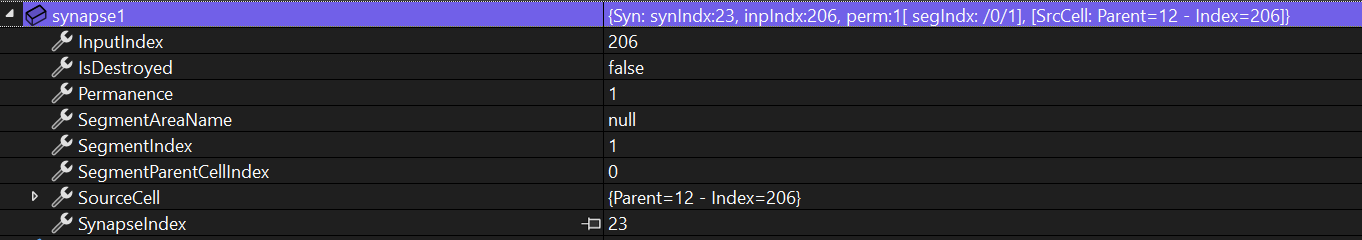


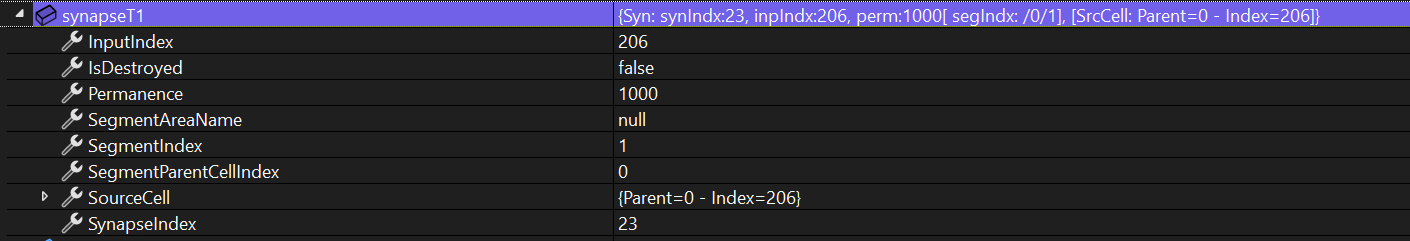


SOLUTION

public void SerializeSynapseTest(int segmentindex, int synapseindex, double permanence)

PROBLEM: neither the parent or the permanence parameters are equal in both synapse. The Permanece problem is similar to one we had before; the program is reading the . not as a decimal but as a thousand value.





Testing Synch.