

Problem mit XML Serialisierung

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-

Hi NG,
ich habe eine Klasse, welche ich serialisieren will, jedoch erhalte ich
jedesmal beim ersten element einen Fehler, Fehler beim Reflektieren des Typs
'XXX'

hier mal der gesamte quellcode:

```
[XmlRoot("Assignment")]
public sealed partial class Assignment {
private List<AssignmentField> fields = new List<AssignmentField>();
private AssignmentControl control = new AssignmentControl();
private bool valid;
```

```
[XmlAttribute("Control")]
public AssignmentControl Control {
get {
return control;
}
```

```
set {
control = value;
}
}
```

```
[XmlAttribute("Field")]
public List<AssignmentField> Fields {
get {
return fields;
}
```

```
set {
fields = value;
}
}
```

```
[XmlIgnore()]
public bool isValid {
get {
return valid;
}
```

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```
}

private set {
    valid = value;
}

public Assignment() {

}

/// <summary>
/// default constructor
/// </summary>
public Assignment(string file) {
    FileStream filestream = File.Open(file, FileMode.Open);

    XmlDocument document = new XmlDocument();
    XmlReaderSettings settings = new XmlReaderSettings();
    ValidationEventHandler handler = new
    ValidationEventHandler(Assignment_ValidationEventHandler);

    XmlSchema schema =
    XmlSchema.Read(ResourceHelper.SearchResourceStream("Assignment.xsd"),
    handler);

    settings.Schemas.Add(schema);

    //add resolver to pass security if accessing web site to receive
    schema
    XmlUrlResolver resolver = new XmlUrlResolver();
    resolver.Credentials =
    System.Net.CredentialCache.DefaultCredentials;
    settings.XmlResolver = resolver;
    settings.ValidationType = ValidationType.Schema;

    //this line is necessary for validation to work
    settings.ValidationEventHandler += new
    ValidationEventHandler(Assignment_ValidationEventHandler);
    XmlReader reader = XmlReader.Create(filestream, settings);
    document.Load(reader);
    filestream.Close();
}

public void Serialize() {
    //write to XML
}

public void Serialize(string file) {
    StreamWriter writer = new StreamWriter(file);

    try {
```

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```
XmlSerializer serializer = new
XmlSerializer(typeof(Assignment));
serializer.Serialize(writer, this);
} catch (Exception ex){
System.Windows.Forms.MessageBox.Show(ex.Message);
} finally {
writer.Close();
}
}

public void Deserialize() {
//load from XML

}

public void Deserialize(string file) {
StreamReader reader = new StreamReader(file);

try {
XmlSerializer serializer = new XmlSerializer(this.GetType());
serializer.Deserialize(reader);
} catch (Exception ex) {
System.Windows.Forms.MessageBox.Show(ex.Message);
} finally {
reader.Close();
}
}

private void Assignment_ValidationEventHandler(object sender,
ValidationEventArgs args) {
//the Assignment is invalid
isValid = false;
}
}

public sealed partial class AssignmentField {
private string guid;
private string david;
private string cobra;

[XmlAttribute("GUID")]
public string GUID {
get {
return guid;
}

set {
guid = value;
}
}
}
```

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```
[XmlAttribute("David")]
public string David {
    get {
        return david;
    }

    set {
        david = value;
    }
}

[XmlAttribute("Cobra")]
public string Cobra {
    get {
        return cobra;
    }

    set {
        cobra = value;
    }
}

public sealed partial class AssignmentControl {
    private int type;
    private bool ignore;
    private string name;
    private string filename;
    private List<AssignmentDatabase> databases;

    [XmlAttribute("Type")]
    public int Type {
        get {
            return type;
        }

        set {
            type = value;
        }
    }

    [XmlAttribute("Ignore")]
    public bool Ignore {
        get {
            return ignore;
        }

        set {
            ignore = value;
        }
    }
}
```

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```
[XmlAttribute("Name")]
public string Name {
    get {
        return name;
    }

    set {
        name = value;
    }
}

[XmlAttribute("Databases")]
public List<AssignmentDatabase> Databases {
    get {
        return databases;
    }

    set {
        databases = value;
    }
}

[XmlAttribute("Filename")]
public string Filename {
    get {
        return filename;
    }

    set {
        filename = value;
    }
}

public sealed partial class AssignmentDatabase {
    private string database;

    [XmlAttribute("Database")]
    public string Database {
        get {
            return database;
        }

        set {
            database = value;
        }
    }
}
```

wo liegt der Fehler? ist das ganze zu komplex für eine serialisierung?

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Ich bin für jede Hilfe dankbar.

Grüße
Sascha

.