

## TReX Enhancement Release v 4.0 Changes and New Features

TEA plans to release version 4.0 of TReX, on Sunday, July 14, 2013. This version contains new functionality, maintenance, and changes to support new reporting requirements and provides enhancements requested from the user community.

**PLEASE NOTE: TReX version 4.0 is backwardly compatible with v3.9. Any XML file that can be uploaded today will still upload correctly under the new release.**

**However, in order to take advantage of some new features, including new data elements, codes or edits, the extract program that generates the XML files will need to reference the new TReX schema, version 1.8.**

Item	TReX v 4.0 Enhancements	Requires Schema 1.8	Requires Updates to Local Extract Program	Requires Updates to the Local SIS
1	<p>A new Data Element, TX-UNIQUE-STUDENT-ID has been added to the StudentIdentification XML Complex Type.</p> <p>Note: While this data element is not required to be included in the XML file, it should be included if the Unique-ID is entered in the local Student Information System.</p>	Yes	Yes	Yes
2	<p>Remove codes 51-54 from Disciplinary Action Reason code table TC07 Documentation.</p> <p>Note: Codes 51-54 were removed from the PEIMS code table C165 for the 2012-2013 school year. This change is syncing TReX with PEIMS. The codes are still valid in the XSD should a student record from a prior year be uploaded.</p>	No	No	No
3	<p>A new feature has been added to allow a district to forward a request from their inbound requests queue to another organization.</p>	No	No	No
4	<p>Remove the limitation on how many Advanced Measures can be included on the Transcript.</p>	Yes	No	No

### TReX Documentation:

The TReX v4.0 Data Standards, Users Guide and Video Tutorials are available on the TEA website at <http://www.tea.state.tx.us/index4.aspx?id=3190>.

## Schema Changes:

In order to make use of new codes new data elements, and edits in TREx 3.9 the School district software that generated the TREx XML must reference the new schema, version v1.7.

For example:

XML file pointing to v1.7 of the TREx XSD <trex:TRExStudentRecords xmlns:trex="urn:us:tx:state:tea:TREx:**v1.7**">

Should be changed to

XML file pointing to v1.8 of the TREx XSD <trex:TRExStudentRecords xmlns:trex="urn:us:tx:state:tea:TREx:**v1.8**">

The new version 1.7 xsd file is available on the TREx website under the TREx Data Standards page, 2012-2013 TREx Data Standards version 3.9 at:  
<http://www.tea.state.tx.us/index4.aspx?id=3190>

To validate an XML file against the new XML Schema (XSD), download the xsd file and:

- Use an XML editor that supports schema validation (i.e. XMLSpy, Oxygen XML, Stylus Studio). A more comprehensive list of tools providers can be found at (<http://www.w3.org/XML/Schema>)
- Or use an API that supports XML/XSD validation (i.e. Xerces, Saxon,MSXML)

Please forward this email to your TREx extract vendor. If you or your vendor has any questions, please contact the TREx Help Desk at 512-463-7246 or email [TREx@tea.state.tx.us](mailto:TREx@tea.state.tx.us).