Generating XML Schema from Instance Document

An XSD (XML Schema Definition) Schema ⬀ is required for running structure validation checks on a Web content file. IntelliJ IDEA can scan any XML file for the existing elements and attributes and generate a Schema for it.

To have a schema generated based on an XML instance document

1. With the desired XML document opened in the active editor tab, choose **Tools | XML Actions | Generate XSD Schema from XML File** on the main menu.

2. In the Generate Schema From Instance Document dialog box that opens configure the Schema generation procedure:

   - In the **Instance Document Path** text box, specify the location of the file to be used as the basis for Schema generation. By default, the field shows the full path to the current file. Accept this suggestion or click the **Browse** button ⬚ and select the desired file in the dialog that opens.

   - In the **Result Schema File Name** text box, specify the name of the output file to place the generated Schema in.

     > IntelliJ IDEA suggests the name of the source XML document with the `.xsd` extension. If you type another name, make sure the extension is correct.

   - Specify the location of the generated Schema. By default, the generated Schema file will be placed in the same directory as the source XML instance document. To specify another location, click the **Browse** button ⬚ and select the desired path in the dialog that opens.

   - From the **Design Type** drop-down list, select the way to declare elements and complex types.

   - From the **Detect Simple Content Type** drop-down list, select the type to use for leaf text.

   - In the **Detect Enumerations Limit** text box, type the number of occurrences to cause the Schema enumeration appearance.

     > To suppress Schema enumeration, specify 0.

See Also

Concepts:

- Markup Languages and Style Sheets
- Web Services
- Web Service Clients
- Plugins

Procedures:

- Markup Languages and Style Sheets
- Validating Web Content Files
- Generating Instance Document from XML Schema

Reference:

- XML-Java Binding Reference
- Generate Schema from Instance Document Dialog

Web Resources:

- Developer Community 🔗