

# **Customizing the BlaiseIS XSLT style sheets and ASP scripts**

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At CentERdata we routinely use BlaiseIS to administer questionnaires over the web to a large number of respondents. We often have to customize the BlaiseIS system to meet the requirements of our clients. These customizations almost always involve modifying the XSLT style sheets that are used for rendering the HTML pages. In this presentation, I give examples how we extended the capabilities of BlaiseIS. These examples include incorporating a slider using JQuery, using the HTML tags 'label' with checkboxes and radio buttons to make the text clickable, styling of tables, autocomplete etc.

Besides modifying the existing BlaiseIS style sheet, we created also a lightweight XSLT style sheet from scratch. This style sheet creates simple, lean HTML while still providing the functionality we need. We found that this style sheet solved some performance issues we encountered with large tables. Furthermore, it served as a basis for our style sheet for mobile devices.

We also modified ASP scripts to add functionality. Examples are the answer logs in text format introduced in the page handler and a simple security check using the SHA1 algorithm in the interview starter.