



Regional Workshop on Census and Survey Data Processing Johannesburg, South Africa, October 3-14, 2016 Agenda

Working Hours	Morning Start: 8:30 Tea/Coffee Break: 10:45-11:00 Lunch Break: 13:00-14:00	Afternoon Start: 14:00 Tea/Coffee Break: 16:00-16:15 End of Day: 17:30
Day	Topics	
Monday Oct 3	Welcome, participant introductions, workshop logistics CSPro Overview Introduction to the example questionnaire Rapid review of the data dictionary Records, items, sub-items Multiply occurring records and items Value sets Structure of the data file Dictionary macros and working with Excel Creating data entry forms Rosters and multiplying occurring forms, roster control fields Capture types Multiple response questions (checkboxes) Running data entry applications on Android Differences between Windows and Android Lab work: create a few records and form from example questionnaire and run it on Android	
Tuesday Oct 4	Official Opening by UNFPA ESARO Regional Director, Group Photo Skips and prefills Conditional statements (if then else) Skips, Skip to next, endgroup, endlevel Preproc, postproc Auto fills (protected fields) Subscripts Questions with "other-specify" Lab work: add skips to sample application	
Wednesday Oct 5	Consistency checks Error messages, errmsg with select Edit checks with multiple variables Hard and soft checks (reenter) Checks on dates Logic variables Testing consistency checks Lab work: add consistency checks to sample application	



Thursday Oct 6	<p>Consistency checks on rosters</p> <ul style="list-style-type: none"> Rosters and subscripts: consistency checks across rosters Blanks, notappl and missing Proc global Order of procs (level, group, variable) Loops <p>Lab work: add consistency checks to rosters in sample application</p>
Friday Oct 7	<p>CAPI Features</p> <ul style="list-style-type: none"> CAPI text, fonts, colors Fills in CAPI text Supporting multiple languages Occurrence labels - getocclabel() Dynamic value sets (setvalueset), onfocus Cascading questions <p>Lab work: Add CAPI text and dynamic value sets to sample application</p>
Saturday Oct 8	<p>Group projects</p>
Monday Oct 10	<p>Advanced Data Entry Topics</p> <ul style="list-style-type: none"> Lookup files User defined functions Adding userbar buttons for navigation Going back to skipped fields Skip, advance and move Visualvalue and looking ahead Add mode and modify mode Show and showarray <p>Lab work: use lookup files for consistency checks and dynamic value sets in sample application, add navigation menu to sample application</p>
Tuesday Oct 11	<p>Multimedia and external files</p> <ul style="list-style-type: none"> Launching external programs with execsystem Viewing webpages Taking and viewing photos Capturing and displaying GPS points Creating and writing files using filewrite Generating and viewing reports in text and HTML Viewing GPS points in Google Earth <p>Lab work: Creating a listing application that captures photos and GPS coordinates</p>
Wednesday Oct 12	<p>Menu systems</p> <ul style="list-style-type: none"> Launching one data entry program from another Writing out a pff file to prefill fields in launched application (pff editor) Techniques for structuring menu programs Deployment of multiple applications on Android <p>Lab work: create simple menu system for example questionnaire</p>
Thursday Oct 13	<p>Data transfer and synchronization</p> <ul style="list-style-type: none"> Synchronization in CPro Synchronization with web server Peer to peer synchronization in the field Synchronization from logic <p>Lab work: synchronization</p>



Friday Oct 14	<p>Batch Edit and Export Using batch edit for post collection checks Using batch edit to add recoded variables Export data to Excel, SPSS, STATA, R</p> <p>Lab work: export data and batch edit</p> <p>Evaluations Presentation of certificates and closure</p>
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