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An Event-B Specification of CDIS_CONTEXT3 @ Date: 3 Sep 2007 @ Time: 03:45:55 PM
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CONTEXT CDIS_CONTEXT3

REFINES CDIS_CONTEXT2

SETS

Gr_fld
Fld_disp_desc
Graphic_background

CONSTANTS

fields
attr
presentation
permanent
Acknowledge
dp_acks_required

AXIOMS

axm1 : $fields \in Page_contents \leftrightarrow Gr_fld$ /* Further refinements of record types using constant mappings */
axm2 : $attr \in Gr_fld \rightarrow Attr_id$
axm3 : $presentation \in Gr_fld \rightarrow (Attrs \rightarrow Fld_disp_desc)$
axm4 : $permanent \in Page_contents \rightarrow Graphic_background$
axm5 : $Acknowledge \subseteq Attr_id$ /* Introduction of critical data fields that they need operators acknowledgment after viewing */
axm6 : $dp_acks_required \in Disp_params \rightarrow \mathbb{P}(Attr_id)$

END