

**CORPORATE STUDENT SYSTEM
UNDERSTANDING DATABASE STRUCTURE DIAGRAMS
05/10/01**

Each rectangle in the diagram represents a segment, which is simply a group of related fields.

The top of each segment rectangle provides the segment name and segment type.

In addition, for cross-reference files, CRF identifies the code table referenced and CRK identifies the cross-reference key field in the code table.

Following this information is the list of data elements contained on the segment.

Segment type definitions:

- U The segment is unique to its hierarchical parent or “owner”.
- KU The segment is unique to its hierarchical parent or “owner” and the common key field value matches a unique instance in the cross-referenced file.
- Sn Multiple segments may exist and are logically sequenced in a low-to-high order using the first “n” fields of the segment.