Identification

Initialization of the System Communication Segment
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Purpose

The Major Module Configuration Table (BK.4.04) describes
the whole actual configuration and is a large paged data
base. However, certain items out of this table must be
kept in a wired down segment in a form suitable for quick
access. (E.g. information about interrupt masks, etc.)
The wired down segment is the System Communication Segment
(BK.4.02). Thus the System Communication Segment initializer
takes information out of the Major Module Configuration
Table, reorders it and stores it into the System Configuration
Segment.

Discussion

Calling sequence: call scs_init(scas_ptr);

scas_ptr is a pointer to the base of the System Controller
Addressing Segment (BK.4.02). The way the information
is taken out of the Major Module Configuration Table,
reordered and stored into the System Communication Segment
is straightforward and needs no description.