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### PROTOTYPE OF GENERIC FUNCTION

```

BITMASK PROCEDURE EXCHANGE_FEATURES (WORDNUMBER,
                                     FEATUREWORD);

```

```
INTEGER WORDNUMBER;  
BITMASK FEATUREWORD;
```

WORDNUMBER

This is the number associated with FEATUREWORD. If the number of features to be exchanged cannot be represented by the number of bits in FEATUREWORD, multiple words are exchanged and WORDNUMBER identifies which word is being exchanged for a given function call.

## FEATUREWORD .

This is a bit mask of features supported by the OS. If a bit is on, the corresponding feature is supported by the OS. If the bit is off, the feature is not supported by the OS. FEATUREWORD is formatted into Bit0 and Bits(1-n), where Bit0 is the least significant bit. Bit0 set to 1 indicates that this is the last FEATUREWORD and therefore the last function call. With respect to Bits(1-n), a bit set to 1 represents a feature that is supported by the OS. Each feature developed between the OS and SPP is assigned a feature word and bit. The feature should also be characterized as optional or required. Feature definition should be hardcoded in both the OS and SPP environments.

## RESULT

The RESULT returned by the SPP is its corresponding feature bit mask. That is, if the function call is for the first feature word, (i.e., WORDNUMBER=1) then the SPP returns its first feature bit mask. A "1" in Bit0 indicates an error.