1. Identification of the proposed change

    1.1.   Title

    # Canonic form of ssvn name

    1.2.   MDC Proposer and Sponsor
    This proposal originates from David Marcus; the document editor is Ed de Moel.
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    1.3.   Motion
    No motion.

    1.4.   History of MDC actions

Date	Document	Action
September 1998	X11/1998-26	Final print-out
June 1998	X11/SC15/1998-1	Presented for consideration as MDC Type A, accepted 16:0:3.
September 1997	X11/SC15/TG13/97-2	Presented for consideration as SC#15 Type A; accepted 23:0:2
March 1997	X11/SC15/TG13/97-1	Presented for elevation to SC#15 Type B. Accepted 23:0:3
September 1996	X11/TG17/96-2	Initial presentation. Accepted as an interpretation without dissent. Delegated to SC#15 for further work.

    1.5.   Dependencies
    None.

2. Justification of Proposed Change

    2.1.   Needs
    The definition of namevalue contains no specific resolution about the canonic representation of the name of an ssvn. As a result, the exact result of $QUERY(^$c("M")) cannot be predicted.
    An implementor has requested assistance in interpreting the language standard in this respect.

    2.2.   Existing Practice in Area of the Proposed Change
    DSM version 6.3 returns "^$CHARACTER(""M"",xxx)".
    MSM version 4.3 returns "^$CHARACTER(""M"",xxx)".
    DataTree version 6.4 does not yet support ssvns.
    (The author of this document would appreciate input on how other implementors address this issue.)

3. Description of the proposed change

    3.1.   General Description of the Proposed Change
    This proposal intends to resolve this issue by adding a subclause to the specification of the metalanguage term namevalue, which specifies the "canonic" representation of names of ssvns as being uppercase and fully spelled.

    3.2.   Annotated Examples of Use
    Possible results of $QUERY(^$c("M")) could be:
    - "^$c(""M"",xxx)"

- `"^$character(""M"",xxx)"`
- `"^$C(""M"",xxx)"`
- `"^$CHARACTER(""M"",xxx)"`

The effect of implementing this proposal would be that only the last form (`"^$CHARACTER(""M"",xxx)"`) would be acceptable.

3.3. Formalization
In Section I, clause 7.1.4.12, add an additional subclause:

e) If the glvn is an ssvn, the name part of the ssvn will appear in uppercase in the un-abbreviated form.

4. Implementation impacts

4.1. Impact on Existing User Practices and Investments
None.

4.2. Impact on Existing Vendor Practices and Investments
As yet, the author of this document is not aware that any implementor has implemented this feature in a fashion other than made explicit by this proposal.

4.3. Techniques and Costs for Compliance Verification
See example in section 3.2.

4.4. Legal considerations
None known to the author of this document.

5. Closely related standards activities

5.1. Other X11 Proposals (Type A or Type B) Under Consideration
None.

5.2. Other Related Standards Efforts
None.

5.3. Recommendations for Co-ordinating Liaison
None.

6. List of Associated Documents
None.

7. Issues, Pros and Cons, and Discussion

7.1. September 1996, Toronto, Canada
Initial proposal. Accepted by MDC Task group 17 without dissent. Delegated to Subcommittee 15 for further processing.

7.2. 18 March 1997, San Diego, California
Discussed in Subcommittee 15.
Pro: 1. Unspecified in standard

      2. Meets existing implementations
      3. Published as interpretation (promised)
      Cons: none

7.3.   **September 1997, Chicago, Illinois**
      Discussed in Subcommittee 15.
      Pro: 1. Promised, published as an interpretation.
      Cons: none

7.4.   **28 June 1998, Waltham, Massachusetts**
      Approved as MDC Type A (16:0:3), no cons raised.