

UDS - Display Names for Exchange Unrecognized and Recursive Spread Types

Display Name for Exchange Unrecognized UDS

For front-end display of unrecognized, or *generic* UDS instruments:

- Implement [Process to Build spread Display Name](#).
- Additional considerations:
 - The spread type from tag 762-SecuritySubType is ':GN'. Client systems may choose to represent this as a 'generic' name or omit from the display name.
 - A recursive spread type is a spread which has at least 1 leg that is a **user-defined spread**. Only one level of recursion is allowed. Client systems should leverage the Process to Build spread Display Name to decompose the instrument.

Display Name for a Recursive UDS

For a recursive UDS, the display name must be constructed from the related market data Security Definition (35=d) messages.

For this example, the display names for this spread would be obtained from the market data Security Definition (tag 35-MessageType=d) messages for Spread 1 component legs:

1. **Spread 1:** UD:U\$: GN 0306123410. Based on the lookup of the legs, the spread contains the following legs.
 - Leg 1: GEM9 C9100
 - Leg 2: UD:U\$: VT1025924175
2. **Spread 2:** UD:U\$: BO 0306123089. Based on the lookup of the legs, the UDS contains the following legs.
 - Leg 1: GEM9 C9100
 - Leg 2: GEM9 C9200
 - Leg 3: GEM9 C9300

A possible display name in this example is **GE: GN: GE: BO**.