### Label

#### Definition

The **CKA\_HW\_FEATURE\_TYPE** attribute takes the value **CKH\_TOKEN\_LABEL** of type **CK\_HW\_FEATURE.**

#### Description

Label objects represent a settable man-readable name or description for the device. This represents the same value as the **label** field in the **CK\_TOKEN\_INFO** structure.

Table nn, Label Object Attributes

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Data Type** | **Meaning** |
| CKA\_VALUE    - OR (pick one)- | CK\_UTF8CHAR[32] | The label for the token. 32 characters, blank padded. |
| CKA\_LABEL | RFC2279 String | The label for the token. This is always read as 32 characters. When written, if less than 32 characters are provided the value is silently right padded with spaces; if more than 32 characters are provided, the value is silently truncated to 32 characters. |

The **CKA\_VALUE/CKA\_LABEL**  attribute may be set using the **C\_SetAttributeValue** function if permitted by the device. The session used to set the label must be logged in. The device shall require the SO to be the user logged in to modify the label value. **C\_SetAttributeValue** will return the error CKR\_USER\_NOT\_LOGGED\_IN to indicate that a different user type is required to set the value.