# DCMTK - Feature #656

## Add further UID prefixes?

2015-09-02 11:50 - Jörg Riesmeier

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|---|---|---|---|---|
| **Status:** | New | | **Start date:** | 2015-09-02 |
| **Priority:** | Normal | | **Due date:** | |
| **Assignee:** | | | **% Done:** | 0% |
| **Category:** | Library | | **Estimated time:** | 0:00 hour |
| **Target version:** | | | | |
| **Module:** | dcmdata and others | | **Compiler:** | |
| **Operating System:** | | | | |

**Description**

Currently, there are the following defines for UID sub-prefixes (in "dcuid.h"):

```
/// UID root for study instance UIDs
#define SITE_STUDY_UID_ROOT                 SITE_UID_ROOT ".1.2"

/// UID root for series instance UIDs
#define SITE_SERIES_UID_ROOT                SITE_UID_ROOT ".1.3"

/// UID root for SOP instance UIDs
#define SITE_INSTANCE_UID_ROOT              SITE_UID_ROOT ".1.4"
```

However, there are many other use cases for generated UIDs like Frame of References, Dimensions, Dimension Organizations or Transactions. Wouldn't it, therefore, make sense to introduce further UID prefixes for these cases? At the moment, some developers use SITE_INSTANCE_UID_ROOT for this purpose, which is also the default value for dcmGenerateUniqueIdentifier(), and some use SITE_STUDY_UID_ROOT.

One could e.g. use <SITE_UID_ROOT ".2.1">, <SITE_UID_ROOT ".2.2">, etc. for this purpose. The deviating prefixes would also make sure that the "new" UIDs do not belong to the conventional Study-Series-Instance hierarchy.

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**History**

**#1 - 2015-09-02 11:54 - Jörg Riesmeier**

*- Description updated*

**#2 - 2019-03-18 15:10 - Jörg Riesmeier**

Further examples for such entities are: Specimen, Concatenation, Conceptual Volume, Irradiation Event, ...