JAIN SLEE 1.1 Profiles JPA Mapping

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As mentioned in the containers configuration section, Restcomm JAIN SLEE uses JPA to store all JAIN SLEE 1.1 Profiles, and in mentioned section it was explained how to define which JPA / Hibernate data source. In this section more details are provided about how JAIN SLEE 1.1 Profiles are mapped to a JPA datasource schema.

Profile Specification JPA Tables And columns

For each Profile Specification, at least one Table is created, and is named `SLEE_PE_` concatenated with the Profile CMP interface simple name (`obtained as java.lang.Class.getSimpleName()`), then `_`, and finally the absolute value of the `hashCode()` method of the javax.slee.ComponentID of the Profile Specification.

This table has a primary key composed by the profile name and profile table name, and a column for each attribute of the Profile Specification CMP, except for those of array type. Those columns are named `C`, concatenated with the cmp attribute name.

For each Profile CMP attribute of `array` type, a join table is created, and is named `SLEE_PEAAV_` concatenated with the Profile CMP interface simple name (`obtained as java.lang.Class.getSimpleName()`), then `_`, then the absolute value of `hashCode()` method of the javax.slee.ComponentID of the Profile Specification, and finally the CMP attribute name. This table has a generated primary key column named `ID`, the foreign key, and two columns to store the CMP attribute value:

`SERIALIZABLE`
: Used to store the value if its type does not allow it to be converted to a String.

`STRING`
: Used when the CMP attribute type can be converted to a `java.lang.String`, for instance an `Integer`.

Profile Specification JPA Datasource

Unless configured manually, Restcomm JAIN SLEE uses the default datasource of &JEE.PLATFORM;. Please refer to its documentation to learn about it.