

# **BR\_FieldDefinition – Field Definition Services**

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## **SCOPE**

This module must be used to create, edit, delete and apply data entry field definitions. A data field definition specifies aspects of each data entry field:

- The GUI element ID to which it applies
- The data entry value storage type
- For integer values, the upper and lower bound values
- For decimal values, the upper and lower bound values
- For now-date values, the upper and lower bound values
- For historical-date values, the upper and lower bound values
- For string values:
  - The maximum size of the value
  - The encoding type
  - The syntax
  - The legal substitution definition set
  - The grammar rule set.
- For all value types, the set of value validation rules that apply to it.

## **METHODS**

The fundamental operations are:

1. Create Field Definition table
2. Add a record to Field Definition table
3. Select a record in the Field Definition table
4. Edit a record in the Field Definition table
5. Delete a record in the Field Definition Table
6. Retrieve the properties for the selected record in the Field Definition table.

## **USED BY**

- Sentence substitutions:
  - Any data entry field.

## **DATA UNDER CONTROL OF THIS MODULE**

1. The database Field Definition table.

## **REQUIRED EXTERNAL DATA UNDER CONTROL OF ANOTHER MODULE**

1. ID of requesting field.

## **REQUIRED SERVICES**

1. Needs details

## **APPLICATION PROGRAMMING INTERFACE (API)**

1. Needs details

## **WARNING CONDITIONS**

1. Need details of the condition that raised the warning, example message and possible next steps.

## **ERROR CONDITIONS**

1. Need to record the condition that raised the error, example message and possible next steps.