

Week 2 Unit 3: Automatic Conversion with Data Types

Automatic Conversion with Data Types

Primitive types

SAPUI5 delivers the following primitive types out-of-the-box:

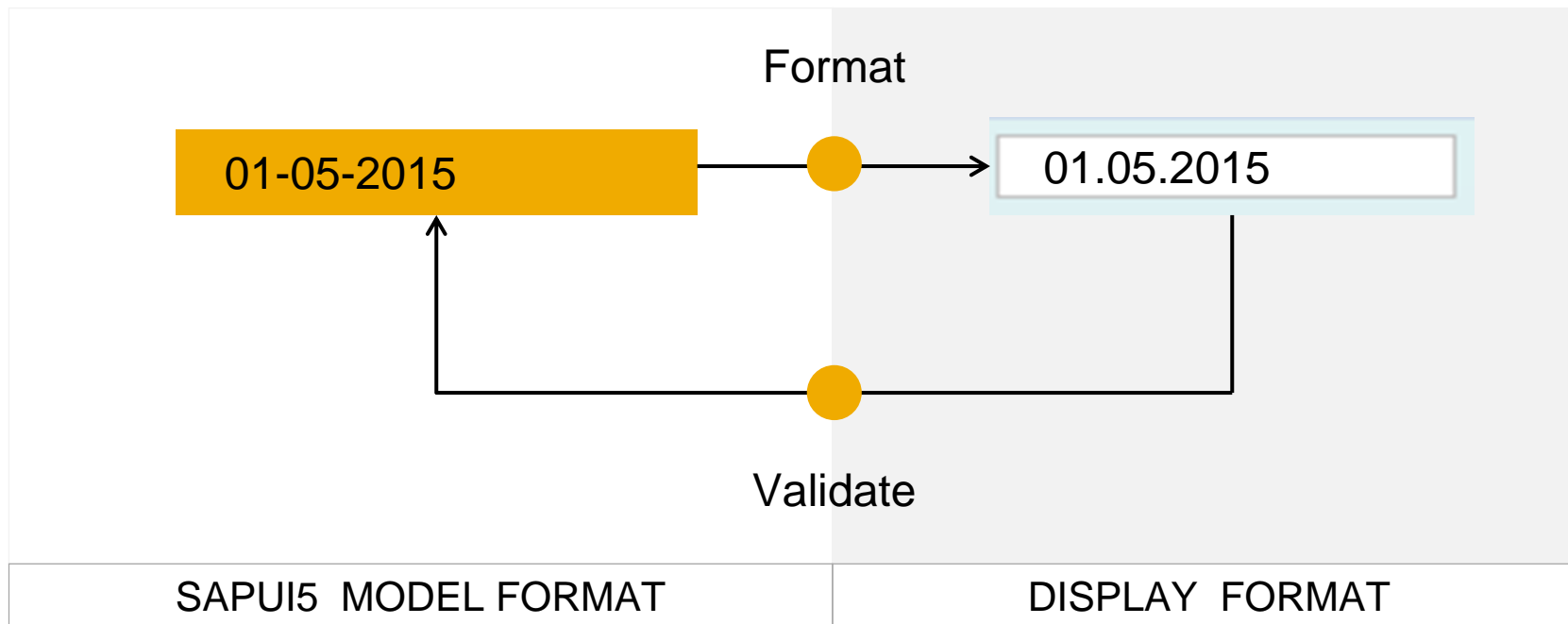
- `sap.ui.model.type.Boolean`
- `sap.ui.model.type.Currency`
- `sap.ui.model.type.Date`
- `sap.ui.model.type.DateTime`
- `sap.ui.model.type.FileSize`
- `sap.ui.model.type.Float`
- `sap.ui.model.type.Integer`
- `sap.ui.model.type.String`
- `sap.ui.model.type.Time`

You can create your own data types by extending one of the existing types.

Automatic Conversion with Data Types

Data type process

- Data typing allows you to format data for the UI while keeping actual data format in the model untouched.
- Bound properties with a defined type will automatically be formatted when displayed on the UI. Input values in UI controls are parsed and converted back to the model type.





Thank you

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