

Appendix C - Data Types to be Used by Adapter Properties

The Application Designer management is very flexible by allowing various data types for properties of an adapter. The following topics are covered below:

- Supported Data Types
 - Data Types for Managing Date and Time
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Supported Data Types

- String
- int, long, short, byte
- float, double
- BigDecimal
- boolean
- CDate
- CTime
- CTimeStamp

Data Types for Managing Date and Time

The `java.util.Time` class is very powerful, but also very complex to use for business applications. Therefore, three classes are introduced to deal with date and time:

- `com.softwareag.cis.util.CDate`
- `com.softwareag.cis.util.CTime`
- `com.softwareag.cis.util.CTimeStamp`

See the JavaDoc documentation for further details.

Dates and times are transferred as strings between Application Designer and the intelligent HTML page:

- YYYYMMDD format for dates.
- HHMMSS format for times.
- YYYYMMDDHHMMSSMMM format for timestamps.

The interpretation and formatting of these strings to valid formats is done automatically.