Annotation Criteria for the Sanity Check

TOSEM-2021-0216

The annotation criteria for the sanity check consists of the following definition of the relevance and examples of irrelevant API-KI pairs:

Relevant: A knowledge item (KI) is relevant to an API, if it provides an explanation that could help a developer know how to use the API.

Irrelevant: A knowledge item (KI) is irrelevant to an API, if it does not explain the API. Examples of irrelevant API-KI pairs are shown below:

- A KI only mentions an API for the completeness in a list of APIs, without other explanations (e.g., "In particular, we cover the usage of the key **DateTime**, **Interval**, **Duration** and **Period** classes").
- A KI just mentions an API and points to the external documents (e.g., "For a complete reference, see the documentation for the base class **AbstractReadableInstantFieldProperty**1").
- A KI mentions an API as an example, which does not explain the use of the API (e.g.,
 "For instance, the day-of-year calendar field would be retrieved by calling the getDayOfYear").
- When a KI provides too little information to an API (e.g., "The **DateTime** implementation provides a complete list of standard calendar fields").
- If not sure whether a KI is relevant to an API, then the KI cannot be relevant to the API (e.g., "Within Joda-Time an instant is represented by the **ReadableInstant** interface.").

¹https://www.joda.org/joda-time/apidocs/org/joda/time/field/AbstractReadable-InstantFieldProperty.html