Design Complexity and Index Criteria

Based on the collected data panagenda ApplicationInsights uses a wide range of criteria to determine design complexity and index.
Factors that for instance can influence the complexity are:

- Type and number of specific design elements occurring in the application design
- Specific combinations of design elements occurring in the application design
- Hardcoded references (for instance hard coded server names, etc.)
- Number of code blocks and code lines in the application
- Domino/Notes client dependencies
- Calls to local systems (for instance code that references a user's local hard disk or accesses specific files stored on the server)
- Occurrence of specific code elements that can cause potential migration/modernization challenges
- Occurrences of Author/Reader fields
- SMTP / mail / fax / etc. references that indicate a dependency on a specific system or server
- Third party software dependencies
- Encryption dependencies
- Mail dependencies
- Occurrences of specific code functions and snippets or combinations of such code functions and snippets.
- Etc. etc.

> ⚠️ **Note**
>
> **Custom Insights build by your own organization are not considered while computing Design complexity and index scores.**
> **Deactivating one or more of the standard provided rulesets (identifiable in the Manage section by the panagenda logo behind them)**
> **can impact the complexity and index scores. It is recommended not to do this.**

Next Topic:

Weighted analysis