

# Complexity Settings

The *Complexity* section allows you to make detailed changes to the way Adviser computes Complexity scores. In general, you will use this page to enable complexity scanning and to configure your search terms. It is rarely necessary to make any further changes and we recommend speaking to tech support before any reconfiguration.

**General Configuration**

Analysis is Enabled

Overall Complexity Score

Common Problems

Agents

Common Problems Detected

Folders

Forms

Script Libraries

Search Terms Detected

Shared Fields

Subforms

Views

Reset Save Changes

**Search Terms**

Configure Search Terms

**Overall Complexity Score**

The complexity impact level of a database is determined by the sum of all weighted scores using the thresholds specified below.

Level	Threshold	Total Complexity Score
Very High	35	Above 35
High	20	Between 20 and 34
Medium	15	Between 15 and 19
Low	10	Between 10 and 14
Very Low	1	Between 1 and 9

## General Configuration

This section allows you to enable/disable Complexity scanning and configure score thresholds and common problems. Any changes that you make in this section will be marked with a pencil icon and must be saved to take effect.

### Enable Complexity

The first option will say either *Analysis is Enabled* or *Analysis is Disabled*. To change the option, click on it and then click the *Save* button. If you do not want to save your changes, the *Reset* button will restore the previous value.

### Overall Complexity Score


This allows you to change the thresholds that define the complexity rankings.

### Common Problems

This section allows you to choose which common problems will contribute to the complexity score. They are all enabled by default.

[Catalog](#)
[Usage](#)
[Complexity](#)
[Guidance](#)

### General Configuration

Analysis is Enabled 

Overall Complexity Score

**Common Problems**

Agents

Common Problems Detected

Folders

Forms

Script Libraries

Search Terms Detected

Shared Fields

Subforms

Views

Reset Save Changes

### Search Terms

Configure Search Terms

### Common Problems

Enable the relevant **Common Problems** that impact database complexity.

An excessive number of fields used on a form	Enable	Disable
Contains complex table	Enable	Disable
Contains @Function code	Enable	Disable
Database is set to allow stored forms	Enable	Disable
Form automatically refreshes fields	Enable	Disable
Form does not allow printing/forwarding/copying	Enable	Disable
Form has security on who can compose	Enable	Disable
Form has security on who can read documents	Enable	Disable
Form contains readers fields	Enable	Disable
Selection formula uses @IsResponseDoc, or @AllChildren or @AllDescendants	Enable	Disable
Generate unique keys for ODBC access is selected for view	Enable	Disable
%Include file cannot be audited -- check manually	Enable	Disable

## Agents, ..., Views

These sections allow you to configure the impact different complexity factors have on the overall score. It is rarely necessary to change these.

## Search Terms

This section allows you to configure the keywords that Complexity will search for as it analyzes each database. The search is performed by converting each design element to DXL and then performing a simple text search on the DXL file.



Modifying the list of search terms causes Adviser to rerun the Complexity scan on all databases in your environment which may take several hours or more. We recommend disabling Complexity while you develop your list of search terms and only enabling Complexity once the list is complete.



- Servers
- Filters
- Scans
- Complexity**

### General Configuration

Analysis is Enabled
Overall Complexity Score
Common Problems
Agents
Common Problems Detected
Folders
Forms
Script Libraries
Search Terms Detected
Shared Fields
Subforms
Views

Reset Save Changes

### Search Terms

Search Terms that contribute to complexity can be specified one per line below.

```
Compliance
Regulatory
Governance
HIPAA
BostonS01
```

Modifying **Search Terms** will require rescanning all databases for matching terms and may take longer than changing other configuration settings.

Reset Save Changes

### Search Terms

Configure Search Terms