# Modernization Session Work List


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## What the Work List Is

The Modernization Session Work List is the worksheet of one work session (see Modernization Planning: Work Sessions): every code block the session deals with, what to do with it, where its fix is written, and where in which application the code sits. It answers the developer's question: what exactly do I fix in this session?

A code block is a piece of code that iDNA recognizes wherever it occurs: the same block in ten applications is one block with ten occurrences. That is why a fix only has to be written once and can then be reapplied wherever the block occurs.

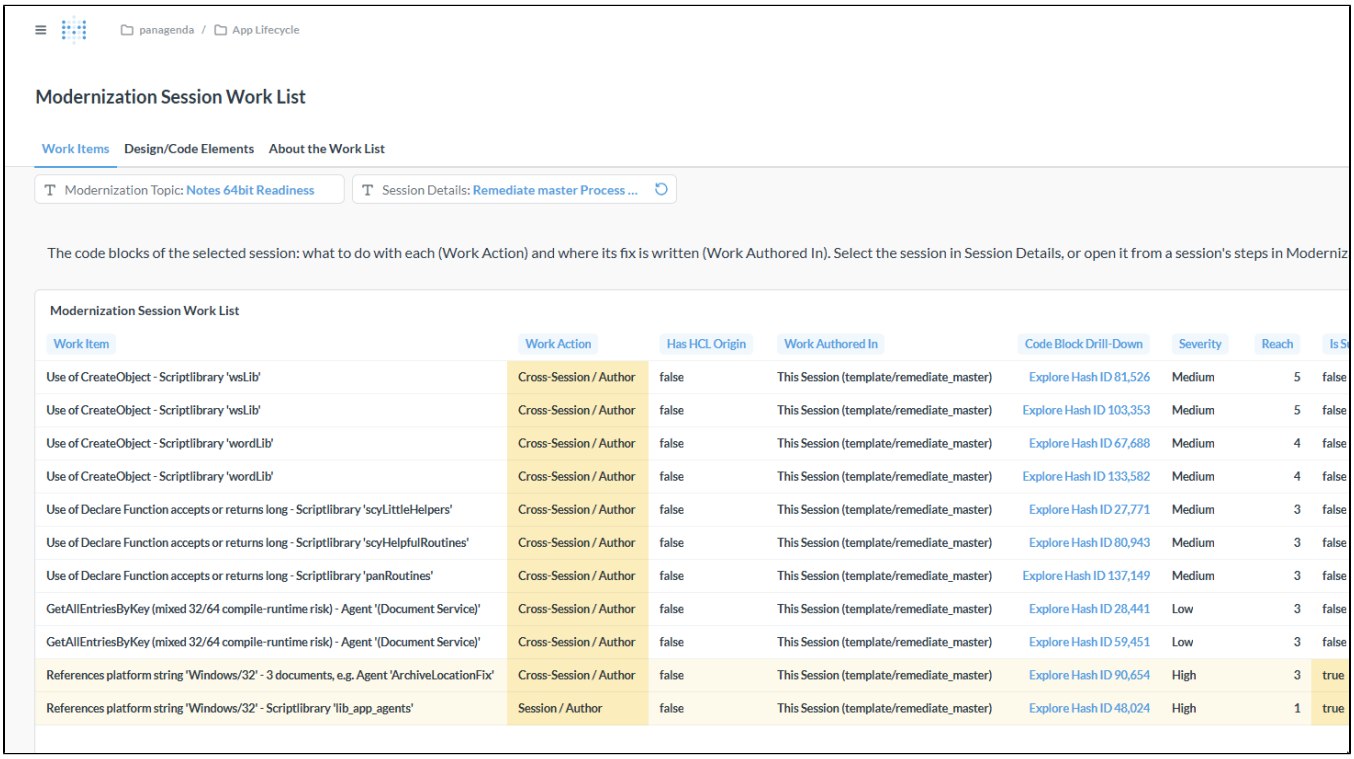
## Where to Find It

The Work List exists in Metabase only. Open it from [App Lifecycle]  [Modernization Planning], tab [Work Session Overview]: click a session title, then [Open Work List] in one of its steps. The Work List opens in a new browser tab with the session preselected. If you have access to Metabase, you can also open it from the collection [App Lifecycle] there and choose the session in the [Session Details] filter.

## How to Read It

### Work Items Tab

One row per code block of the session:



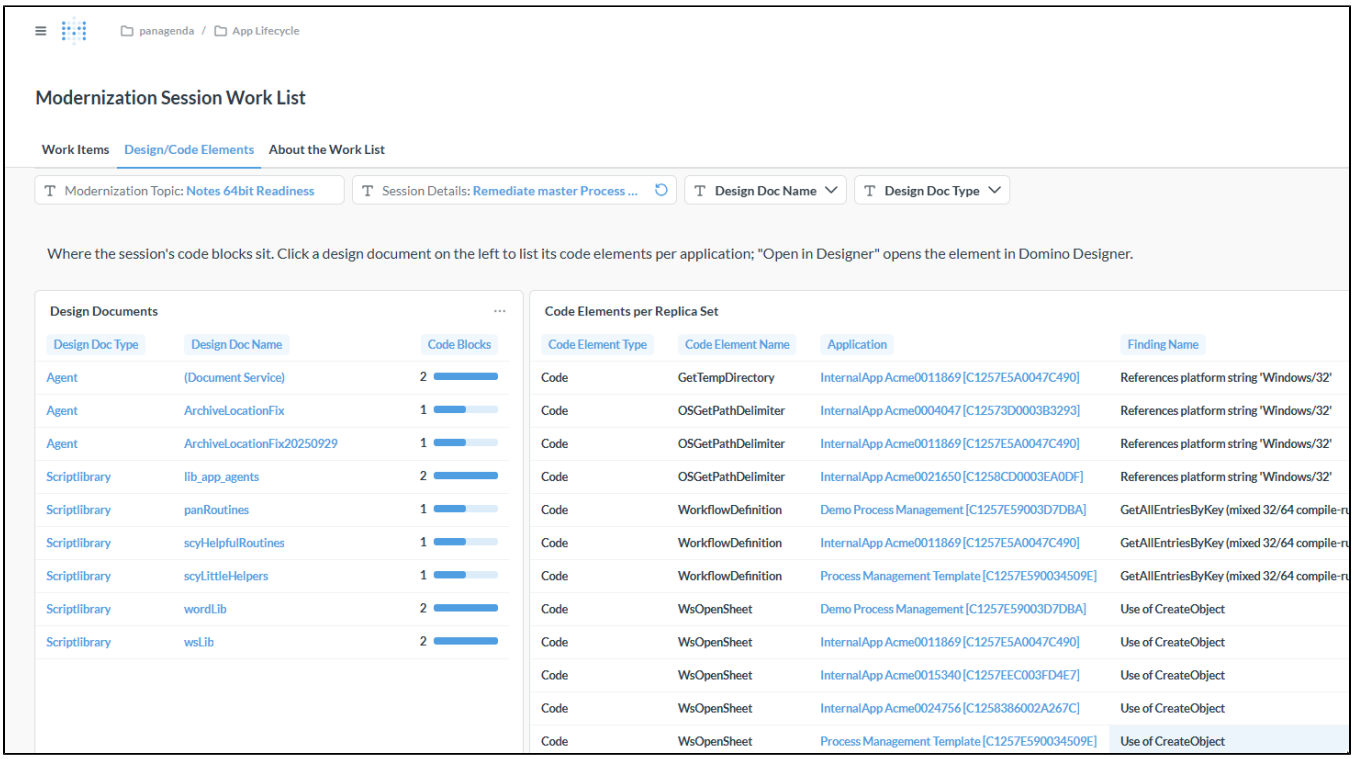

| Work Item | Work Action | Has HCL Origin | Work Authored In | Code Block Drill-Down | Severity | Reach | Is S |
|---|---|---|---|---|---|---|---|
| Use of CreateObject - Scriptlibrary 'wsLib' | Cross-Session / Author | false | This Session (template/remediate_master) | Explore Hash ID 81,526 | Medium | 5 | false |
| Use of CreateObject - Scriptlibrary 'wsLib' | Cross-Session / Author | false | This Session (template/remediate_master) | Explore Hash ID 103,353 | Medium | 5 | false |
| Use of CreateObject - Scriptlibrary 'wordLib' | Cross-Session / Author | false | This Session (template/remediate_master) | Explore Hash ID 67,688 | Medium | 4 | false |
| Use of CreateObject - Scriptlibrary 'wordLib' | Cross-Session / Author | false | This Session (template/remediate_master) | Explore Hash ID 133,582 | Medium | 4 | false |
| Use of Declare Function accepts or returns long - Scriptlibrary 'scyLittleHelpers' | Cross-Session / Author | false | This Session (template/remediate_master) | Explore Hash ID 27,771 | Medium | 3 | false |
| Use of Declare Function accepts or returns long - Scriptlibrary 'scyHelpfulRoutines' | Cross-Session / Author | false | This Session (template/remediate_master) | Explore Hash ID 80,943 | Medium | 3 | false |
| Use of Declare Function accepts or returns long - Scriptlibrary 'panRoutines' | Cross-Session / Author | false | This Session (template/remediate_master) | Explore Hash ID 137,149 | Medium | 3 | false |
| GetAllEntriesByKey (mixed 32/64 compile-runtime risk) - Agent '(Document Service)' | Cross-Session / Author | false | This Session (template/remediate_master) | Explore Hash ID 28,441 | Low | 3 | false |
| GetAllEntriesByKey (mixed 32/64 compile-runtime risk) - Agent '(Document Service)' | Cross-Session / Author | false | This Session (template/remediate_master) | Explore Hash ID 59,451 | Low | 3 | false |
| References platform string 'Windows/32' - 3 documents, e.g. Agent 'ArchiveLocationFix' | Cross-Session / Author | false | This Session (template/remediate_master) | Explore Hash ID 90,654 | High | 3 | true |
| References platform string 'Windows/32' - Scriptlibrary 'lib_app_agents' | Session / Author | false | This Session (template/remediate_master) | Explore Hash ID 48,024 | High | 1 | true |

- **Work Item:** the finding and the design element it was found in.
- **Work Action:** the scope and the action, for example **Cross-Session / Author**.
  - The *scope* says where the block occurs: only in this session (**Session**), in several sessions (**Cross-Session**), resolved by a template update (**Inherited from Standard**), or current HCL template code (**HCL Owned**).
  - The *action* says what to do: **Author** (write the fix here, for the first time), **Apply** (the fix exists already, reapply it), **Resolve Divergence** (decide before the refresh which version stays), **Scan Template First**, **Verify Update** (check after the template update), **Cleared by Update** or **Inherit (HCL Owned)**. The last two are information, not work.
- **Work Authored In:** the session in which the fix is written; **This Session** when it is written here.
- **Severity** and **Reach:** how serious the finding is, and how many applications on the **Keep** path carry the block.
- **Is Surplus To Master:** the master does not have this block, so the refresh does not fix it. Fix it in the application after the refresh.

- **Has HCL Origin**, **HCL Origin** and the other HCL columns: whether the code comes from an HCL template, from which template family and versions, and whether it is still in the current HCL version.
- **Code Block Drill-Down:** [Explore Hash ID ...] opens the Code Block Overview, see below.

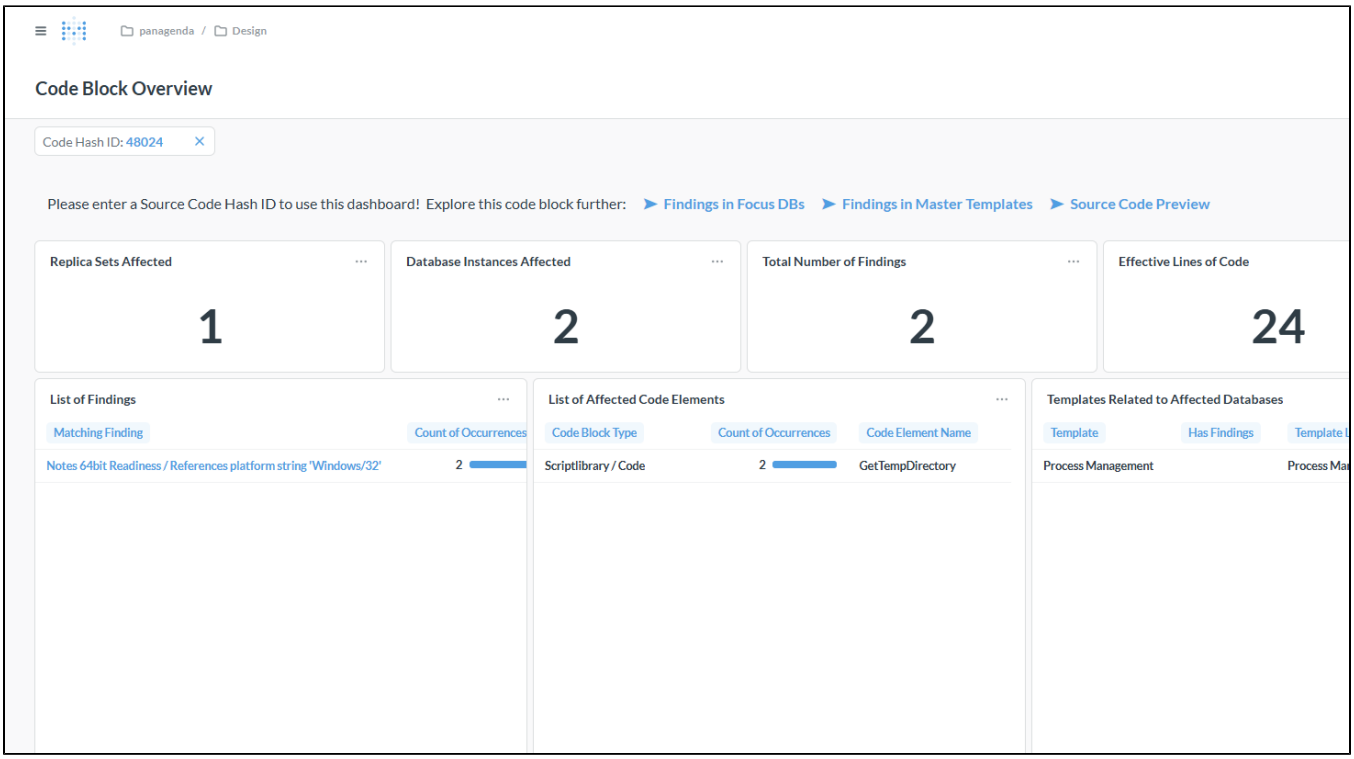
## Design/Code Elements Tab

Where the session's code blocks sit. On the left, the design documents (agents, script libraries, forms, ...) with the number of blocks in each; click a name to list its code elements per application on the right. [Open in Designer] in the table on the right opens the element directly in Domino Designer.




## Code Block Overview

The drill-down from a work item shows one code block across your estate: how many applications and database instances carry it, the findings in it, the code elements it occurs in and the templates related to them. The link [Source Code Preview] shows the code itself.




## About the Work List Tab

iDNA's built-in explanation of every scope, action and column.

> **Did you know?**
>
> You can ask the iDNA Applications Companion about the code behind a work item and drill into a solution: *"Show me the code of the block 'References platform string Windows/32' in script library lib_app_agents. Why is it flagged for Notes 64-bit, and how would we fix it?"* The Companion reads the code from iDNA, explains the finding, suggests a fix and tells you where else the same block occurs, so you know where the fix has to be reapplied. You can keep asking follow-up questions about the code and the suggested change. See Setting up iDNA Applications Companion.

# What to Do Next

- Work the blocks in the order of the session steps in Modernization Planning: master-side work before the refresh, application-side work after it.
- Resolve every **Resolve Divergence** item before the refresh; a refresh overwrites the application's own version.
- The fixing happens in Domino Designer, outside iDNA. After the changed designs have been scanned again, the next nightly run updates the work list.

# Related Topics

- Template Lineage: for rebase and upgrade sessions, which blocks survive the template update.
- [Design] [Insights]: all findings by ruleset.
- [Design] [Source Code]: code volume and duplication across the estate.