



SharePoint Content Management & Dashboard Reporting (CMDR) Tool

[Overview](#)

1. Introduction

The SharePoint Content Management & Dashboard Reporting (CMDR) Tool represents a sophisticated, modular JavaScript platform meticulously crafted to streamline control and deliver tailored functionalities across diverse SharePoint environments. This purpose-built tool stands out for its capability to centralize administration, offering Site Collection Administrators an integrated solution for monitoring and managing their respective Site Collections.

At its core, the CMDR Tool operates as a cohesive framework, exemplifying a commitment to modularity. By leveraging JavaScript, it introduces a dynamic and extensible architecture that enables the seamless integration of custom features. This adaptability ensures that the tool can be finely tuned to meet the unique requirements of various SharePoint instances.

The primary objective of the CMDR Tool is to empower Site Collection Administrators with a comprehensive suite of tools, granting them heightened oversight and control. The centralized nature of the platform facilitates efficient monitoring, enabling administrators to gain real-time insights into the performance and status of their Site Collections. Furthermore, the CMDR Tool facilitates a user-friendly environment for the execution of management tasks, promoting a streamlined and intuitive experience.

In essence, the SharePoint CMDR Tool emerges as a strategic asset for organizations seeking an advanced solution to enhance their SharePoint environments. Its modular design, powered by JavaScript, reflects a commitment to flexibility and innovation, ultimately equipping administrators with a robust toolset to optimize the governance and performance of their Site Collections.

2. Features

2.1 Content Management

- Document Management: The tool allows users to create and manage documents within SharePoint.
- Metadata Management: Users can define custom metadata fields for items and documents, making it easier to organize and search for content based on specific attributes.
- Workflow Management: The tool provides seamless identification and management of workflows and their subscriptions or instances, empowering users with efficient workflow tracking and control..
- Content Infrastructure: Users can traverse the entire infrastructure of any given Site Collection, identifying hidden files and folders, managing orphaned data and data structures, and maintaining data and file relevance throughout the lifecycle of the Site Collection.
- Permissions Management: The tool offers streamlined permissions management, effortless cloning capabilities, and systematic user removal, enabling administrators to efficiently control access and user administration tasks.

2.2 Dashboard Reporting

- Data Integration: The tool integrates with various data sources, including SharePoint sites, webs, lists, libraries, and files, to gather relevant data for reporting purposes.

- Report Creation: Each module is a report on a specific aspect of the Site Collection, Web, or List. The data is retrieved as it exists in that moment and can be refreshed at any time.

3. Architecture

3.1 SharePoint Integration

The tool leverages the existing SharePoint infrastructure, utilizing SharePoint lists, libraries, and security mechanisms to manage content and provide access control.

3.2 Data Integration

To gather data for reporting, the tool integrates with various data sources, including SharePoint lists, libraries, and web services. The data integration layer ensures the extraction, transformation, and loading of data into a unified reporting interface.

3.3 Reporting

When a user clicks the "Print" function within the SharePoint Content Management and Dashboard Reporting tool, the system generates a snapshot of the data as it exists at that moment. This snapshot includes the content, reports, or dashboards currently being viewed by the user. The print functionality captures the visual representation of the data, including charts, graphs, tables, and any other visual elements present on the screen. The snapshot can then be sent to a printer or saved as a digital document, allowing users to have a physical or digital copy of the data for offline use, sharing with others, or archival purposes. By providing this feature, the tool ensures that users can conveniently capture and preserve the current state of their data at the click of a button.

3.4 User Interface

The user interface component provides an intuitive and user-friendly interface for content management, report creation, and dashboard customization. It adheres to SharePoint design guidelines and provides a consistent user experience within the SharePoint environment.

4. Implementation Guidelines

4.1 System Requirements

- SharePoint Server (2013 or later) or SharePoint Online
- Web server with Internet Information Services (IIS)
- Supported web browsers (e.g., Microsoft Edge, Google Chrome)

4.2 Installation and Configuration

- Install SharePoint according to the official documentation provided by Microsoft.
- Deploy the SharePoint Content Management and Dashboard Reporting tool in the LAYOUTS folder of each SharePoint Server or in a local directory (CMDR_LOCAL) on a single SharePoint Site Collection.

4.3 Training and User Adoption

- Foster user adoption by highlighting the benefits of the tool, conducting workshops, and providing ongoing support and assistance.

5. Conclusion

The SharePoint Content Management and Dashboard Reporting tool from SummitPoint offers a powerful and flexible solution for content management and reporting needs. By leveraging the capabilities of SharePoint and integrating with various data sources, the tool empowers users to efficiently manage content and generate interactive reports and dashboards. Proper implementation and user adoption strategies ensure maximum value and improved decision-making within an organization.