

# 介紹《宋會要輯稿》資料探勘系統

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## 摘要

《宋會要輯稿》是清代徐松根據《永樂大典》中收錄宋代官修的《會要》加以輯錄而成，其內容豐富，是研究宋代政治經濟制度的重要資料，共有八萬餘個條目，分成十七類主題。2011年時中研院史語所、中國歷代人物傳記資料庫計畫（CBDB）、與台大數位典藏與數位人文中心共同簽署了備忘錄，同意讓台大數典中心取用史語所擁有的宋會要數位全文資料，以建置一套能根據主題與日期來查找條目的查詢系統，此外，也希望台大能針對宋會要資料的特性，提供分析工具與視覺化工具。

台大數典中心在 CBDB 對宋會要全文進行了初步整理的基礎之上，繼續對全文進行自動標記：利用法鼓佛教學院的時間規範資料庫，標記宋會要全文中的日期；也利用 CBDB 長久以來蒐集的人名列表、官名列表、及地名列表，標示出宋會要中的人名、官名、地名。透過這些標記過的全文，台大建置的《宋會要輯稿》資料探勘系統，除了有全文檢索功能之外，也能夠提供後分類檢索、詞頻分析、年代分布圖、地理分布圖、前後綴詞分析等一般資料庫較少見的功能，讓這個系統不只是一個查找資料的平台，更是一個可以對資料進行分析、發掘、探勘的平台。我們認為，在數位化史料普及的今日，《宋會要輯稿》資料探勘系統提供了一個不同以往只著重在資料查找的新的使用數位化史料的方式。

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# Introducing the Song Huiyao Jigao Discovery System

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## Abstract

This presentation introduces the discovery system for the *Song Huiyao Jigao* (宋會要輯稿), which was developed at the Research Center for Digital Humanities (RCDH), National Taiwan University, with permission from the Institute of History and Philology (IHP), Academia Sinica, and the China Biographical Database Project (CBDB).

The *Song Huiyao Jigao* is a compendium of Song Dynasty (960-1279) manuscripts. Written by Qing Dynasty author Xu Song, its contents were extracted in part from the Ming Dynasty *Yongle Encyclopedia*. With over 80,000 entries divided into 17 topics, the *Song Huiyao Jigao* has high importance in the study of Song Dynasty economy, administration and political system. In 2011, IHP, CBDB and RCDH signed a Memorandum of Understanding, in which RCDH was allowed access to a digital edition of the *Song Huiyao Jigao*. This was done in hope of developing an online search utility, which would allow users to find records in the *Song Huiyao Jigao* using subjects and dates. In addition, RCDH was also expected to develop visualization and analysis tools based on the data characteristics of the *Song Huiyao Jigao*.

Building on the semi-structured format that CBDB has converted the *Song Huiyao Jigao* text to, RCDH further marked up the text by making use of the Dharma Drum chronology for tagging dates and CBDB code tables for tagging person names, official titles, and location names. Based on the marked-up text, RCDH developed the *Song Huiyao Jigao* Discovery System which goes beyond merely an online dictionary look-up service. The functions include: full-text search, faceted search, biography display (from CBDB), term analysis, temporal distributions, geographical distribution, and context search. The *Song Huiyao Jigao* Discovery System is a demonstration of how digital text can create new possibilities for research in humanities.

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