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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 45256-2025

**Press and publication - Knowledge service - Construction
process of knowledge ontology**

新闻出版 知识服务 知识本体构建流程

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1 Scope

This document establishes the principles for constructing knowledge ontology, and specifies the constituent elements, creation process, and functional requirements of construction tools.

This document applies to the construction and management of knowledge bases and knowledge resource bases in the field of news publishing.

2 Normative references

GB/T 18391.3-2009

GB/T 45257

3 Terms and definitions

The following terms and definitions apply to this document.

3.1.1 Knowledge

Knowledge, judgment or skill acquired through study, practice or exploration.

[Source. GB/T 23703.2-2010, 2.1]

3.1.2 concept

Knowledge created by unique combinations of features.

NOTE. Concepts are not limited to a particular area, but they are influenced by social and

cultural context.

[Source. GB/T 15237.1-2000, 3.2.1, modified]

3.1.3 term

An identifier for a general concept term within a specific subject area.

[Source. GB/T 15237.1-2000, 3.4.3, modified]

3.1.4 semantic relation

The relationship between concepts and symbols and their meanings between classes.

[Source. GB/T 4894-2024, 3.1.7.1]

3.1.5 knowledge ontology

Standardized description between knowledge concepts.