

Drug Information Service Bundle v1.2 – Release Note

Release Date: December 21, 2020

About Drug Information Service Bundle (DISB)

The Drug Information Service Bundle is a software providing a set of restful services to receive information about substances, generics, and branded medicines present in the Common Drug Codes for India (CDCI) released by the National Resource Centre for EHR Standards (NRCeS) at the Centre for Development of Advanced Computing (C-DAC), Pune.

The software can be useful in receiving additional reference / knowledge about the drugs in various usage scenarios.

The DISB enables clinicians, pharmacists and researchers find out relevant information about the medicines and substances. It can also help health IT implementors in building decision support systems that can generate alerts about adverse reactions and allergies of medication. DISB will be distributed in synchronization with CDCI. The salient features of DISB include:

- Ready to Deploy with minimal configuration
- Comes packaged with embedded application server
- Easy to integrate REST API with JSON response objects

DISB provides following information on various entities:

Entity Name	Details	
Substance	<ul style="list-style-type: none"> • Chemical Representations (Smiles, Iupac, Inchl, Hill Notation) • Identifiers (internationally accepted unique identifiers) 	<ul style="list-style-type: none"> • Molecular Weight • Terms and synonyms • Detailed information • Toxicity
Generic	<ul style="list-style-type: none"> • Composition Details (Strength, Unit, Substance Name) • Contra Indications • Dose Form 	<ul style="list-style-type: none"> • Drug Type • Terms and synonyms • Indications • Route of Administration
Branded Medicine	<ul style="list-style-type: none"> • Term • Brand Name • Excipient • Generic Name 	<ul style="list-style-type: none"> • License Number • Licensing Status • Manufacturer (Name, Country)

Release Summary

- DISB contains information of relevant data from SNOMED CT International Edition, July 2020 and is in accordance with CDCI [December 2020].
- Contents of DISB:

Entity	Count
Substances	26860
Generic Drugs	1919
Medicines	20103

Configuration Notes

- Follow README provided with the distribution for deployment and configuration
- DISB v1.2 refer to CDCI [December 2020]
- C-DAC's Toolkit for SNOMED CT (CSNOtk) v6.0 comes with APIs to integrate with DISB. For more details refer:
https://www.cdac.in/index.aspx?id=hi_hs_CSNOtk_Release_Note

Availability

Drug Information Service Bundle is available for use under terms provided in *License.txt* file included in the Package. The Package can be downloaded from NRCeS Website (<http://www.nrces.in>).

For any information regarding DISB, please write to nrc-help@cdac.in