



XRD – Cross Reference Data



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The dictionary for your master - data

Who needs it?

Businesses in all sectors with many software applications used in multiple departments or at multiple sites would clearly benefit from centrally managed master data.

Companies formed through merger or acquisition should consider data integration by implementing master data management.

Product

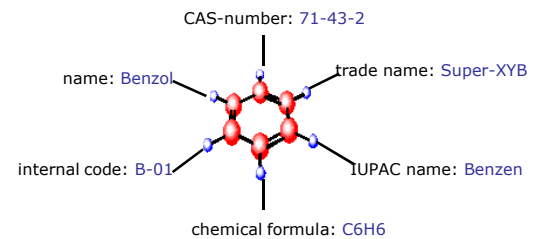
XRD is a software system for the central registration, administration and distribution of your reference data.

Controlled Vocabulary: the capability to define subsets of data-domains enables you to provide controlled multilingual vocabulary for IT-Applications to be used in value-lists. This enables consistent data-entry throughout your company in different IT-applications.

Data Container: XRD can be a container and administrative tool for master data, where no other administrative tools or container exist.

Distribution Platform: Homogenous distribution platform for master-data, which have no, one or more origin-system(s). (e.g. internal and external product codes) – Only one source and interface for connected applications, NO complex dependencies and interfaces across multiple applications.

Search support: The possibility to store and administrate relations and synonyms of Items supports intelligent searches (e.g. Broader Term, Narrower Terms, synonym search)



Features

- Synonym: FRG=Germany=DE=Deutschland, preferred code=DE
- Code-based (CH = Switzerland)
- Legacy terms: azoxystrobin = ICIA5504
- Multilingual (corn [en] = Mais [fr])

Thesaurus: Relations between items

```

rosaceae --> malus --> fruit juices --> derived product
                |
                v
                apple-juice
  
```

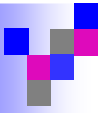
- Possibility to set up application-specific subsets of a domain. (e.g. for value lists within information systems)
- Classification of master data in domains and sub-domains.
- Fast, high-performance worldwide access via database -multi master
- Subscription and/or distribution by means of DB-replication, web-services or middleware (EAI,e.g SeeBeyond..)
- Single sign-on for Windows Clients and Oracle backend DB.
- Central service for Unit-of-Measure conversions.

RefData Find out r

Calcium* Advanced Search Use * as wildcard Ignore c

Displaying 60 hits. This is the c items retrieved in a search.

Domain	Sub-Domain	Preferred Code	Term
Domain: Biological Evalu		<input type="checkbox"/>	GO:0005954 calci [en]
Domain: Biological Evalu		<input type="checkbox"/>	GO:0005954 calci
Domain: Biological Evalu		<input type="checkbox"/>	GO:0005955 calci [en]
Domain: Biological Evalu		<input type="checkbox"/>	GO:0034704 calci
Domain: Biological Targe		<input type="checkbox"/>	CAMG
Domain: Experimental De		<input type="checkbox"/>	CAL



XRD



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Advantages for customers using XRD

- ✓ **Enterprise Integration**
Cross-system accuracy and consistency across enterprise Business Intelligence and other operational systems.
- ✓ **Avoid Manual Reconciliation**
Single repository of centrally managed master data ensures all systems subscribing to the same version are consistent and accurate
- ✓ Web-based software, no client installations
- ✓ Extendable, stable and with high performance with large data volumes (> 10 Million entries)
- ✓ Generic approach and can be easily customized to manage any kind of master data
- ✓ Several Subscription Interfaces and methods —The success of a centralized master data management strategy relies on the simplicity and performance of integration with every downstream system dependent on this data
- ✓ Only codes are stored in XRD-Database. Extended attributes, which are maintained in other systems, can be distributed via web-services
- ✓ support of XML (canonical xml possible)




References: Syngenta Crop Protection AG

Contact XRD


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