

# Overview of the ICE Database Structure

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May 8, 2008

## Introduction

### Functional Groups of Database Tables

## Key Definition

## Keyword Definition

## Virtual Stocks

## Data Tables

## Implications and Equivalences

# Functional Areas

- ▶ Key Definition.

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# Functional Areas

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- ▶ Keyword Definition.
- ▶ Virtual Stocks.
- ▶ Physical Data Tables.
- ▶ Equivalences and Implications.
- ▶ Intentionally left out: Hints (Annotations) and Summations

# What is a key?

Combination of

- ▶ Characteristic and

# What is a key?

Combination of

- ▶ Characteristic and
- ▶ Attribute.

# Definition of Characteristics

## Table tabellenmerkmale

- ▶ id
- ▶ label

# Definition of Attributes

## Table tabellenschluessel

- ▶ characteristic id
- ▶ id
- ▶ label

# Definition of Keywords

## Table schlagworte

- ▶ id
- ▶ label

# Keywords for Characteristics

Table merkschlagworte

- ▶ keyword id
- ▶ characteristic id

# Keywords for Attributes

## Table ausprschlagworte

- ▶ keyword id
- ▶ characteristic id
- ▶ attribute id

# Virtual Stocks

- ▶ virtuellebestaende

# Virtual Stocks

- ▶ virtuellebestaende
- ▶ virtbestschluessel

# Virtual Stocks

- ▶ virtuellebestaende
- ▶ virtbestschluessel
- ▶ virteinzelfbestand

# Physical Stocks

- ▶ datentab / edatentab

# Physical Stocks

- ▶ datentab / edatentab
- ▶ spaltenmerkmale

# Physical Stocks

- ▶ datentab / edatentab
- ▶ spaltenmerkmale
- ▶ tabverwaltung
- ▶ sonderfehl1
- ▶ datenbestand

# Implications and Equivalences

▶ merkimp

# Implications and Equivalences

- ▶ merkimp
- ▶ merkequ