



THE WCO DATA MODEL

***CROSS-BORDER TRANSACTIONS
ON THE FAST TRACK***

Information Packages

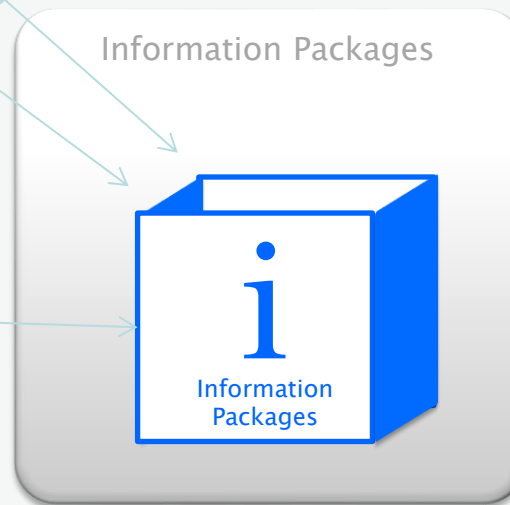
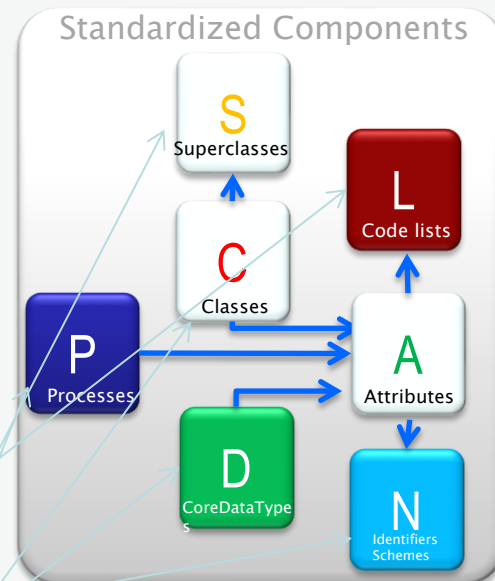
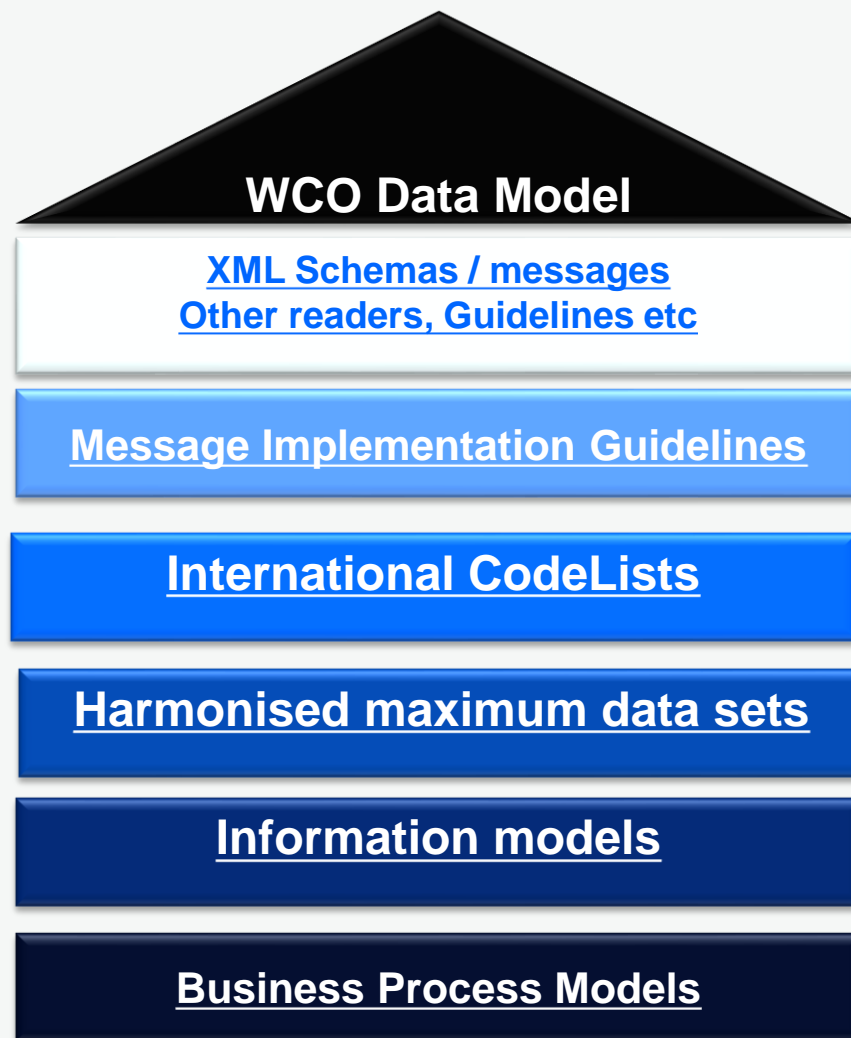
World Customs Organization



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WCO DM IS A LIBRARY

From 'House' → to a Library

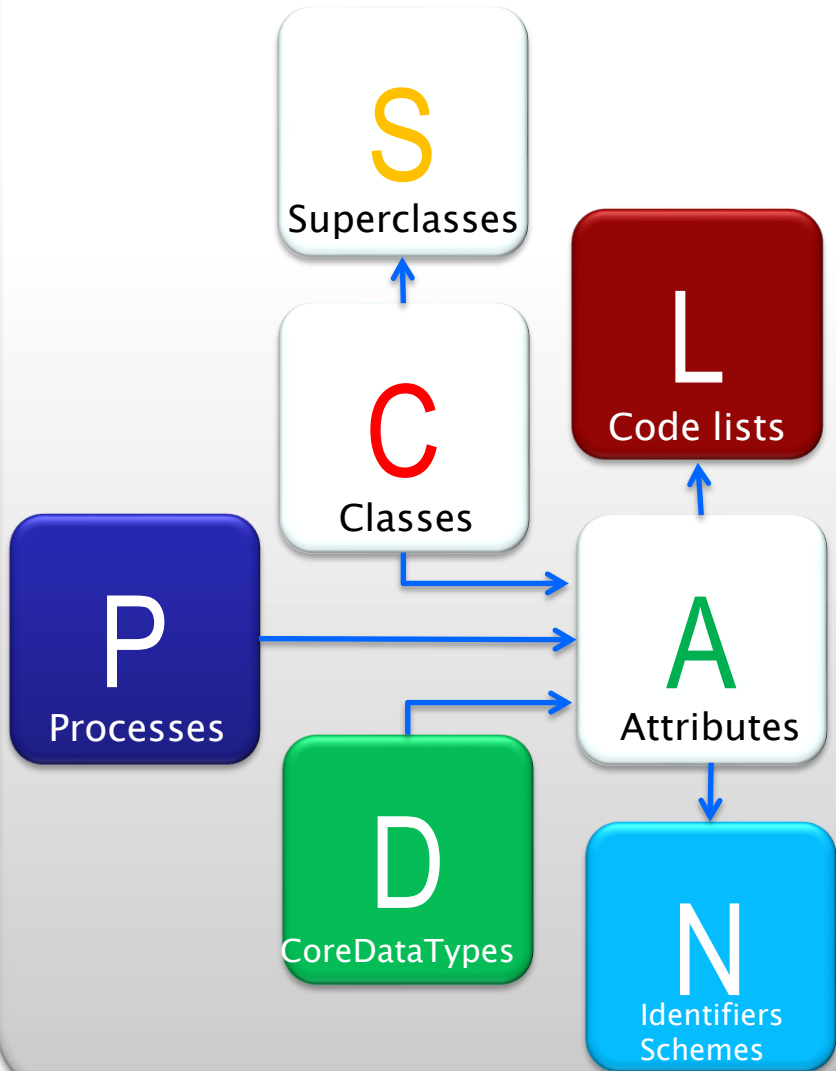




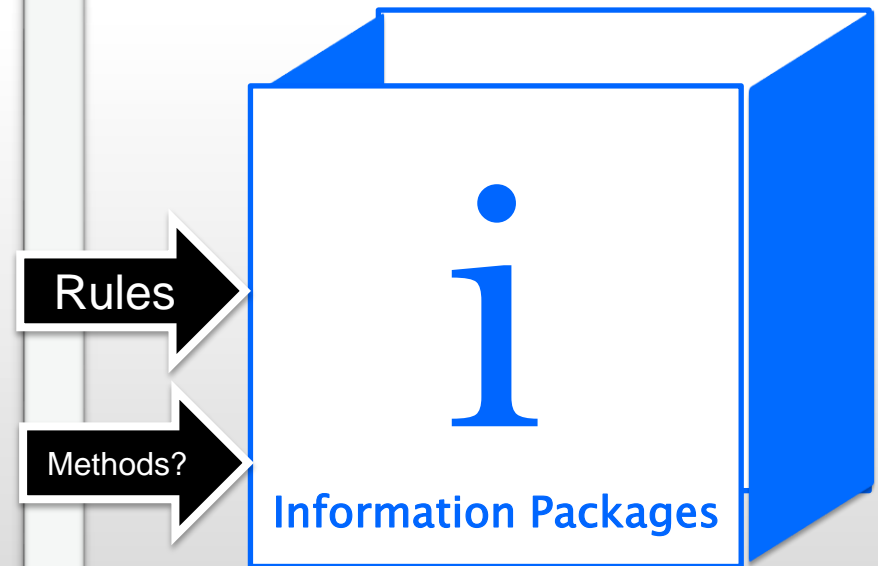
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Standardized Components



Information Packages

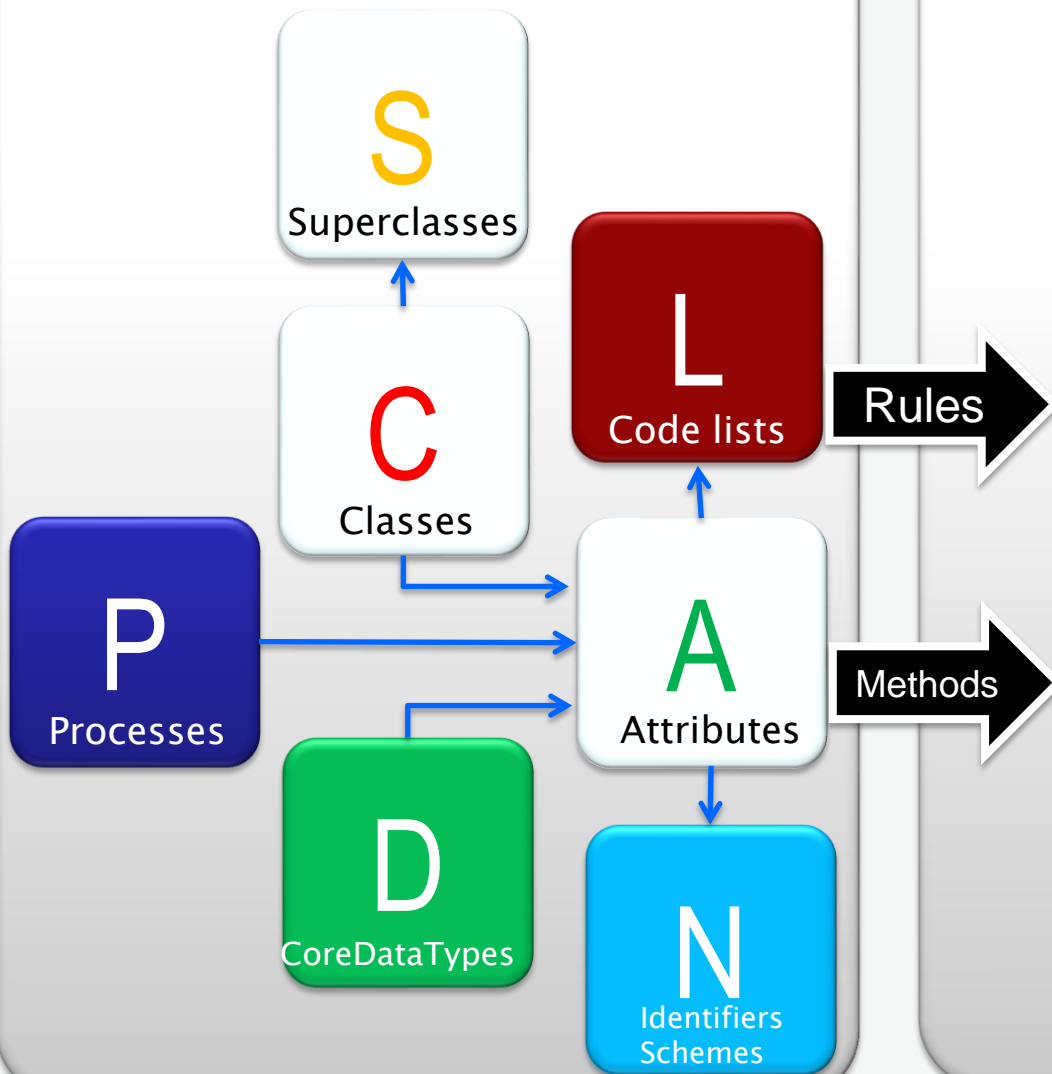




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Standardized Components



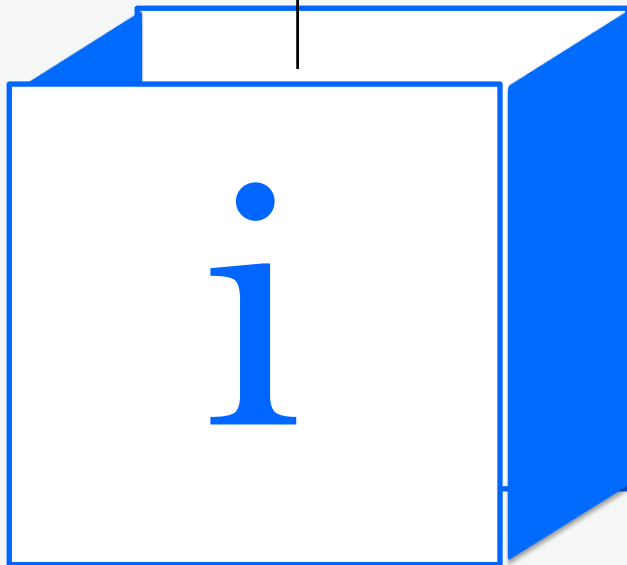
Information Packages





Information Packages

- Published as part of the WCO Data Model
- Built using data model library components
- Represents business usage of data
- Classified & refined by context category
- Information Packages are hierarchical and are structured in the form of UML document structures which can be expressed as XML Schema or mapped to a UN/CEFACT message such as GOVCBR

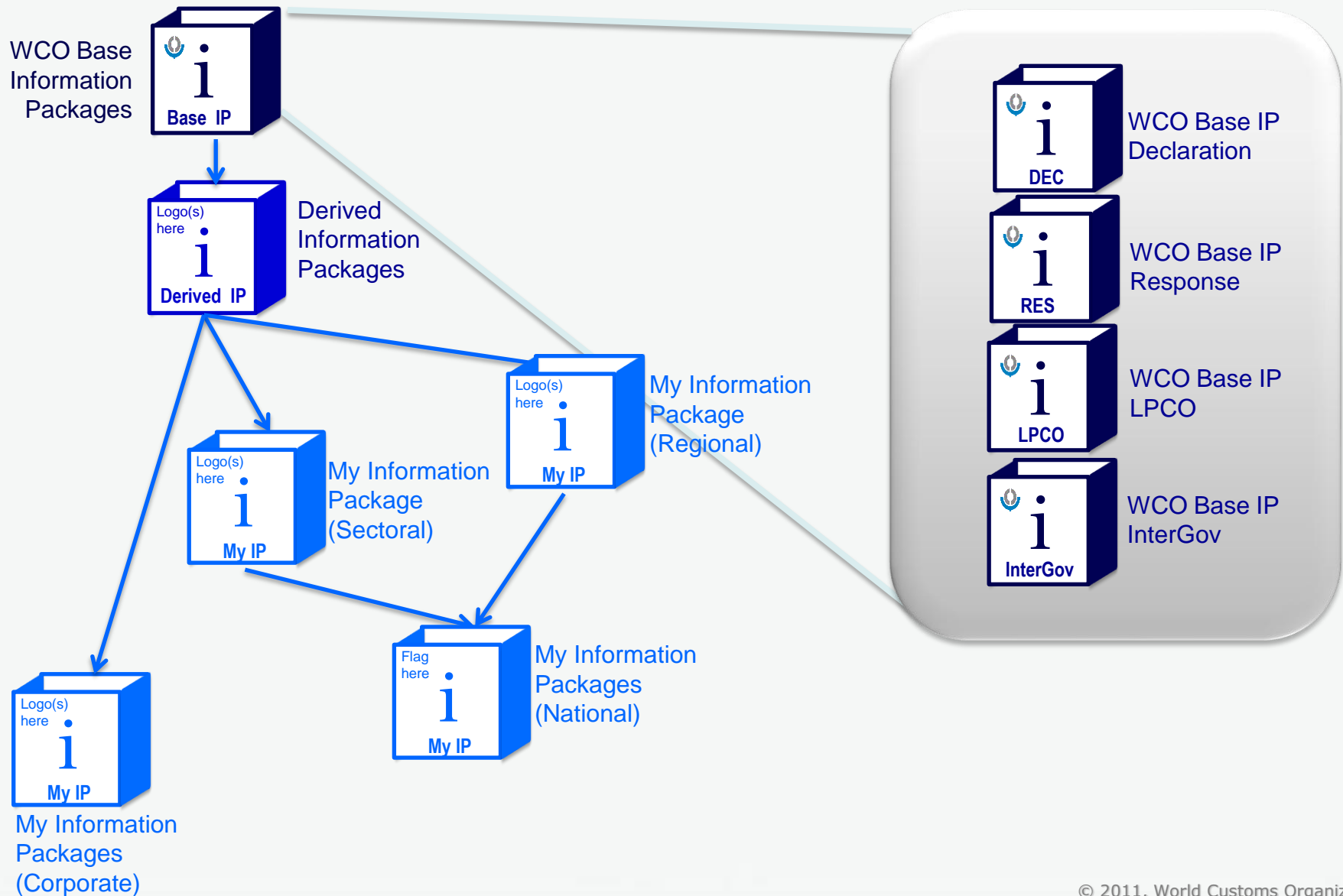


Let us refresh.....



THE WCO DATA MODEL

WCO Base Information Packages





- The **RootDocument** Class is the basis for all of the **WCO Base Information Packages (BIP)**
 - WCO Base Information Packages are master document assemblies from which subset document assemblies can be derived.
 - Presently 4 types of base information packages have been constructed :
 - **Declaration** (A document assembly representing a Business to Government (**B2G**) messages)
 - **Response** (A document assembly representing a Government to Business (**G2B**) messages)
 - **InterGov** (A document assembly representing a Government to Government (**G2G**) message.
 - **LPCO** (A document assembly representing **L**icenses, **P**ermits, **C**ertificates or **O**ther types of cross-border trade authorization documents, which can be used in **B2G**, **G2B**, **G2G** or **B2B** scenarios)
 - **DocumentMetadata** (Document envelop information to be used with any of the above information packages)



- The **Derived Information Packages (DIP)** are based on the WCO **Base Information Packages (BIP)**
- The **Derived Information Packages (DIP)** inherit the WCO **Base Information Packages (BIP)** on which they are based and the DIP specific restrictions are defined
- Each WCO Base Information Package (BIP) can be re-used and restricted to '**derive**' several subset document assemblies
- My Information Packages (MIP) are based on either a BIP or a DIP



- The following Derived Information Packages are examples based on the WCO Base Information Package (BIP)

Declaration :

- SAD (Single Administrative Document)
- IMO (Information package representing IMO FAL Forms 1to 7 and the IMO Vessel Security Report based on the SOLAS MSC 1170)
- DV1 & VAL(Information packages describing the Valuation Declaration)
- uPu Customs Post Messages

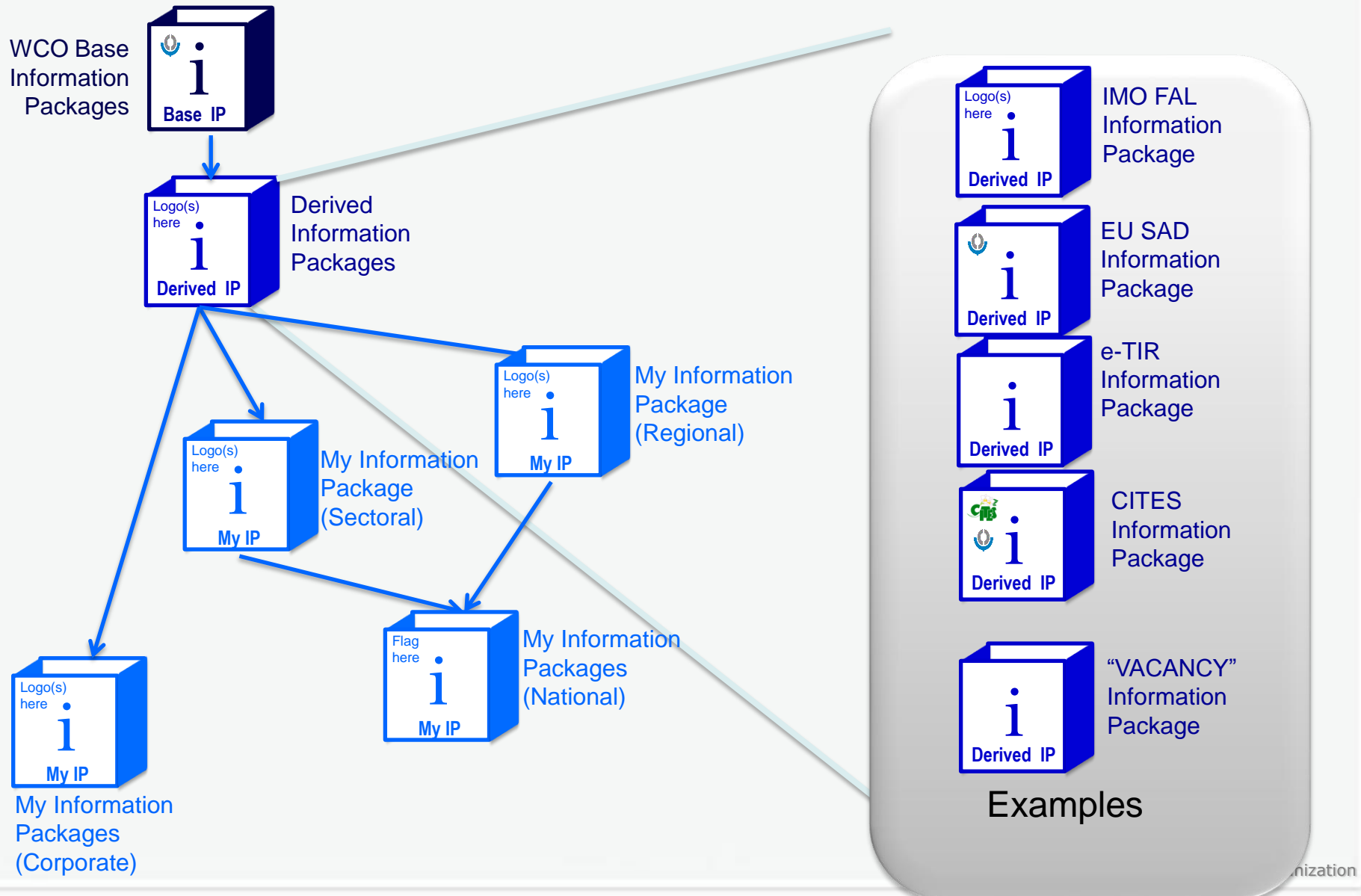


- The following **Derived Information Packages(DIP)** are examples based on the **WCO Base Information Package (BIP) LPCO** :
 - CITES ePermit (based on the CITES ePermit application).
 - electronic Certificate of Origin (based on the non-preferential template of ICC)
 - Sanitary and ePHYTO Certificates (eCERT)
- The following **Derived Information Packages (DIP)** are examples based on the **WCO Base Information Package (BIP) InterGov**:
 - eTIR I1 (accept Guarantee) and I10 (Start Results) Guarantee message messages
 - GNC-AEO (a Draft derived Information Package based on the WCO GNC Draft Utility Block).
 - Other Utility Blocks under development
- Users will re-use **Derived Information Packages (DIP)** to produce customizations known as **My Information Packages (MIP)**



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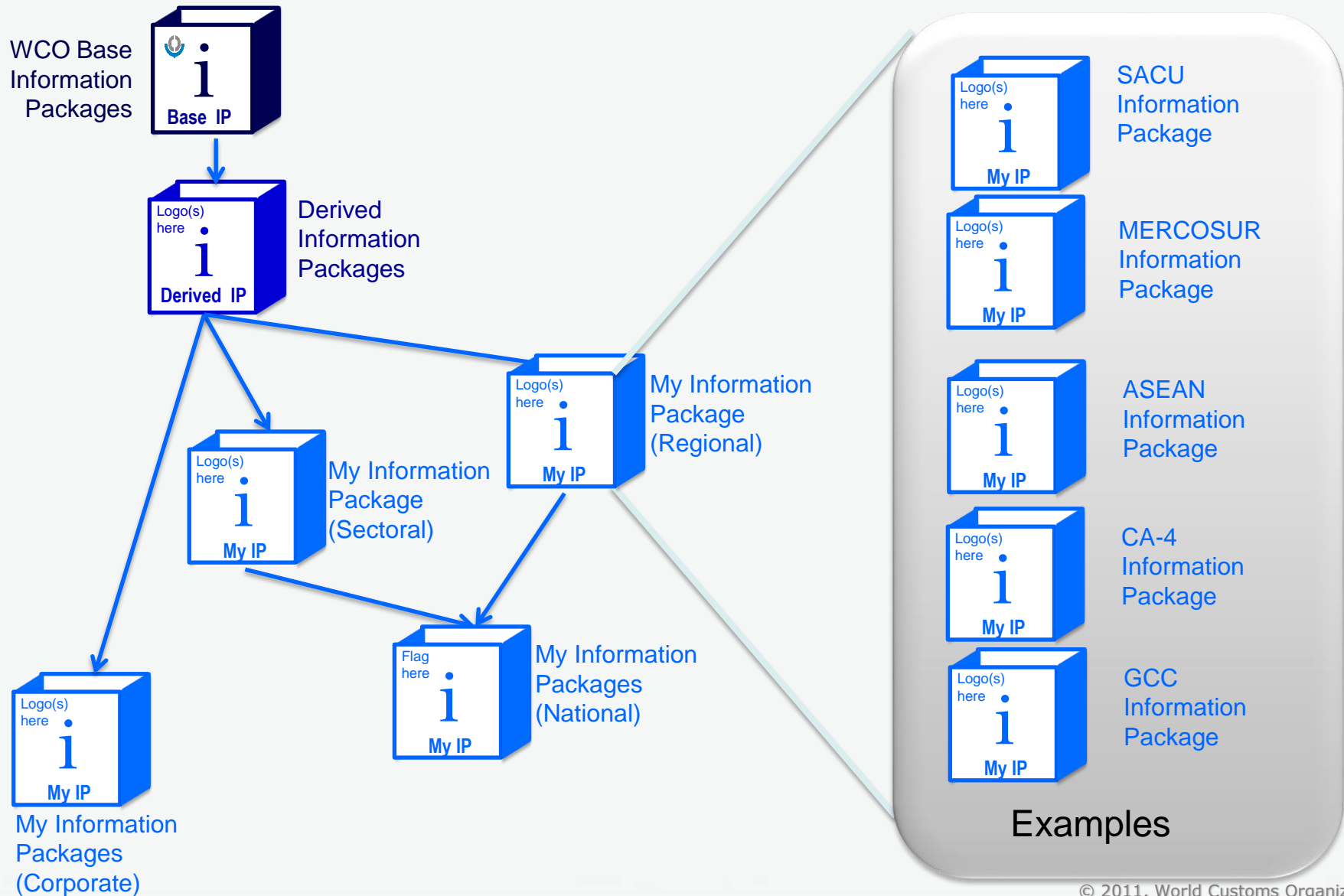
Derived Information Packages





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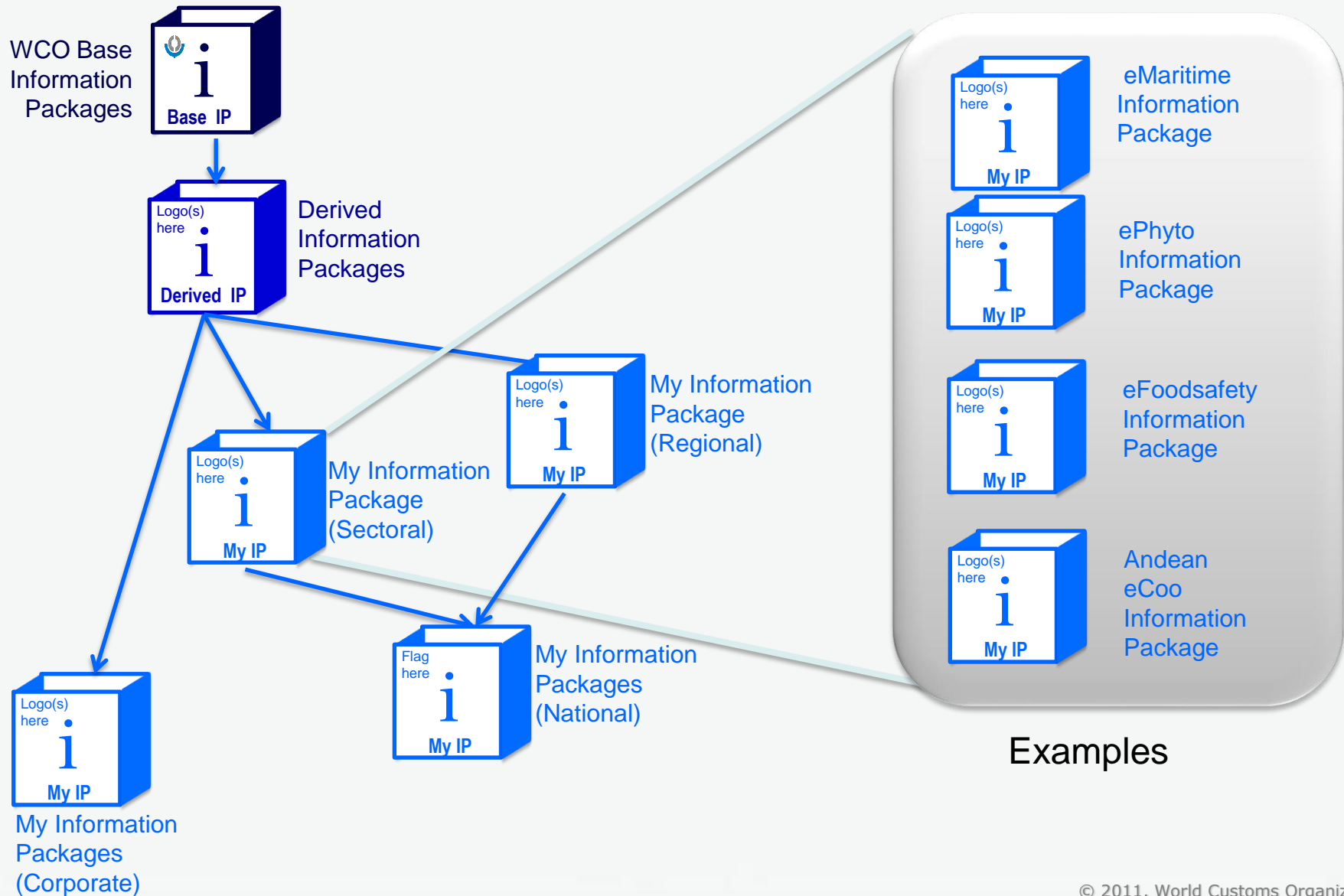
My Information Packages - Regional





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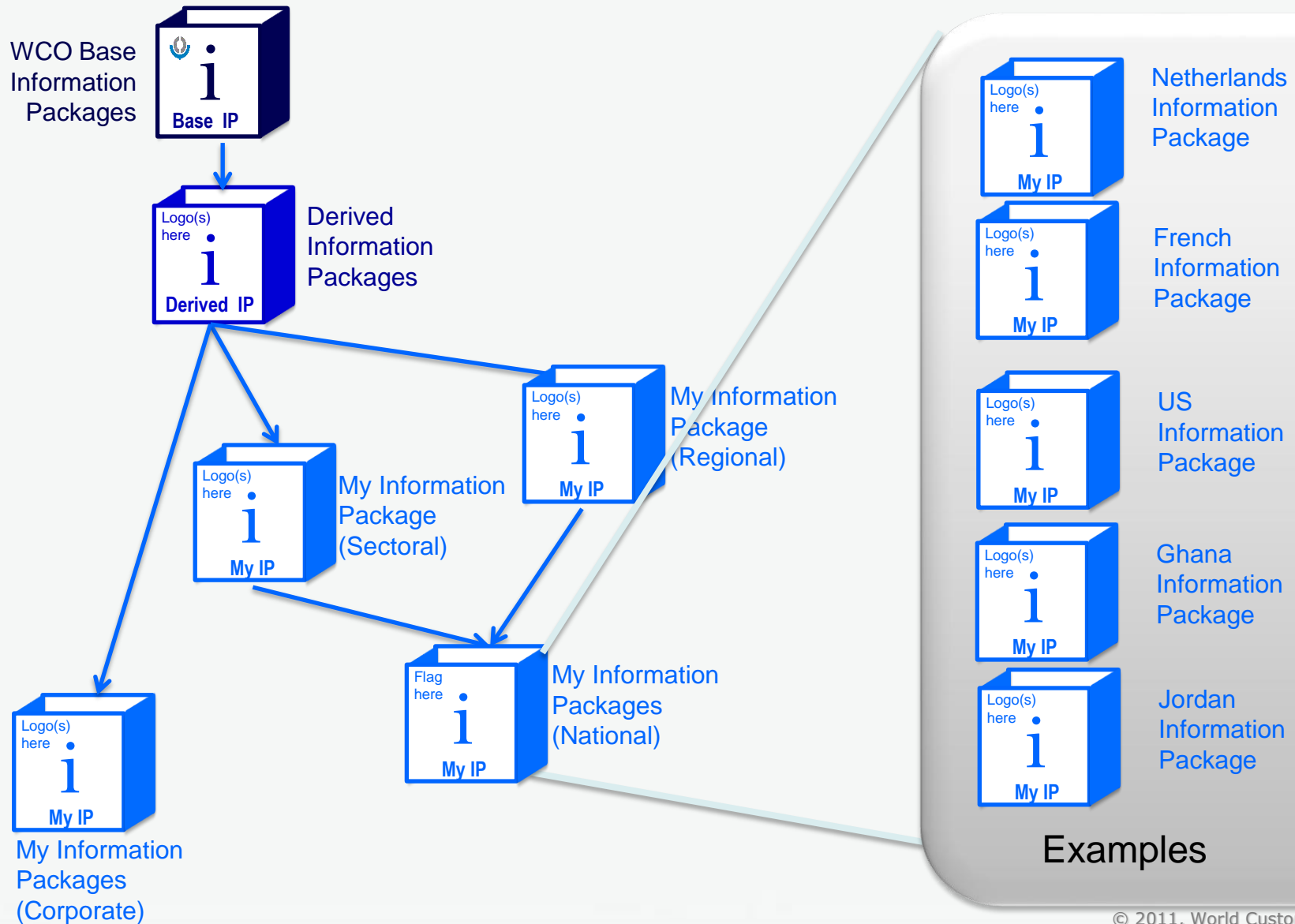
My Information Packages - Sectoral





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My Information Packages National





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Thank you for your attention !

Contact: dm@wcoomd.org