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Batch creation canonical guidelines

Batch creation records allow CMOs to exchange data with their Pharmaceutical Manufacturer Partners about specific lots of product they produce for the Pharmaceutical Manufacturer. Batch creation records contain the details for a lot of product (e.g. lot number, lot status, expiration date, and production date).

Canonical guidelines

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping
data	-	JSon object type/root element.	-	-
controlFileHeader	-	Canonical control file header to store data for control segments and envelopes of IDocs, and X12 and EDIFACT EDI messages.	-	-
messageBody	-	Payload for batch master canonical data.	-	-
canonicalBatchMasterMessage	-	Batch Master transaction header.	-	-
productCode	string	Product code for batch master.	E1BATMAS/MATERIAL	-
productCodeAlternate	string	Alternate identifier for product code.	E1BATMAS/MATERIAL_LONG	-
supplierIdentifier	string	Supplier identifier.	E1BPBATCHATT/VENDOR_NO	-
lotNumber	string	Lot or batch identifier.	E1BATMAS/BATCH	-
lotStatus	string	Lot or batch status key. Indicates lot is restricted or unrestricted in SAP.	E1BPBATCHATT/STATUSKEY	-
supplierLotNumber	string	Supplier's lot or batch number.	E1BPBATCHATT/VENDRBATCH	-
plantIdentifier	string	Plant identifier.	E1BATMAS/PLANT	-

Canonical Element			Type Definition	Description	IDoc mapping	X12 mapping
		storageLocation	string	Storage location for batch.	E1BATMAS/BATCHSTORAGELOCATION	-
		countryOfOrigin	-	Country and region of origin type definition.	-	-
		country	string	Country of origin. Specify that we expect ISO code for country of origin.	E1BPBATCHATT/COUNTRYORI	-
		state	string	State or region within country of origin.	E1BPBATCHATT/REGIONORIG	-
		isForDeletion	boolean	Delete flag for lot or batch.	E1BPBATCHATT/DEL_FLAG	-
		valuationType	string	Valuation type for lot or batch.	E1BPBATCHATT/VAL_TYPE	-
		restrictedUseStatus	string	Lot or batch in restricted use status flag.	E1BPBATCHSTATUS/RESTRICTED (mapped IN, OB) E1BPBATCHSTATUSX/RESTRICTED (hard code X OB)	-
		lotLevel	string	Indicator that defines lot or batch management level.	E1BPBATCHCTRL/BATCHLEVEL	-
		isClassifyObject	boolean	Classify object flag. Valid values: • True - Classify object • False - Do not classify object (default)	E1BPBATCHCTRL/DOCLASSIFY	-
		mpcDates	array	Dates relevant for the batch master.	-	-
		dateType	string	Date type. Valid values for batch master: • AVAILABILITY • EXPIRATION • LASTGOODSRECEIPT • FREEDATE1 • FREEDATE2 • FREEDATE3 • FREEDATE4 • FREEDATE5 • FREEDATE6 • NEXTINSPECTION • MANUFACTURING	-	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping
			dateValue	string	Date defined by referenced date type in date format YYYY-MM-DD.	• E1BPBATCHATT/AVAILABLE • E1BPBATCHATT/EXPIRYDATE • E1BPBATCHATT/LASTGRDATE • E1BPBATCHATT/FREE_DATE1 • E1BPBATCHATT/FREE_DATE2 • E1BPBATCHATT/FREE_DATE3 • E1BPBATCHATT/FREE_DATE4 • E1BPBATCHATT/FREE_DATE5 • E1BPBATCHATT/FREE_DATE6 • E1BPBATCHATT/NEXTINSPEC • E1BPBATCHATT/PROD_DATE	-
			timeZone	string	Time zone for referenced dates.	-	-
			lotCharacteristics	array	Lot or batch characteristics name/value pairs used in custom IDoc segment.	-	-
			characteristicName	string	Name of lot characteristic.	Y1M_BPBATCCHAR/ATNAM	-
			characteristicValue	string	Value of lot characteristic.	Y1M_BPBATCCHAR/ATWRT	-
			lotAttributes	-	Dates relevant for the batch master.	-	-
			plantIdentifier	string	Plant identifier for lot attributes.	Y1M_BPBATCATT/WERKS	-
			authorizationGroup	string	Material authorization group for activities in QM.	Y1M_BPBATCATT/QMATA	-
			laboratory	string	Laboratory/design office.	Y1M_BPBATCATT/WERKS	-
			description	string	Description of the laboratory/engineering office.	Y1M_BPBATCATT/LBTXT	-
			email	string	Email address of laboratory/engineering office.	Y1M_BPBATCATT/EMAIL	-
			transactionReferencIdentifierList	array	Transaction references for purchase order number used in the custom IDoc segment.	-	-
			b2bTransactionIdentifierType	string	Referenced document type. The valid value is PURCHASEORDER.	b2bTransactionIdentifierType = PURCHASEORDER	-
			b2bTransactionIdentifierValue	string	Purchase order number for lotAttributes.	Y1M_BPBATCATT/EBELN	-
			transactionDate	string	Date transaction created.	-	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping
			lineItemNumber	string	Line item number in customer purchase order. Line item level only.	-	-
			freeTextNote	array	Free text, instructions, notes, descriptions and other free text elements.	-	-
			textReferenceCode	string	Text reference or subject code.	-	-
			textFunctionCode	string	Text function code.	-	-
			language	string	Language of free text.	-	-
			textFormatCode	string	Format code for free text.	-	-
			freeFormText	string, array	Free text array.	Y1M_BPBATCXTXT/TDLIN	-

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