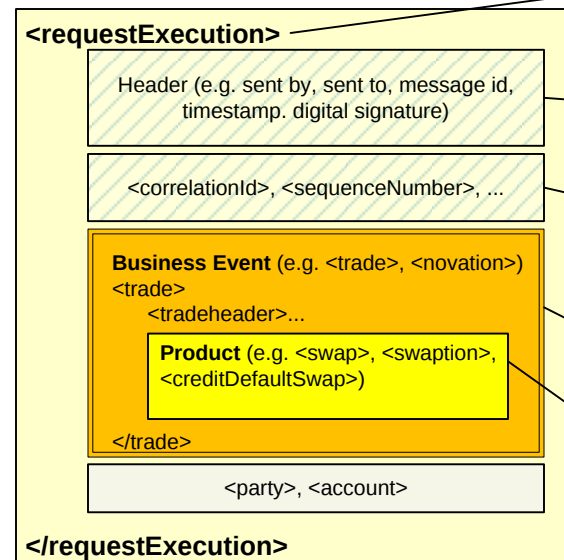


Structure of a typical FpML message:



Anatomy of an FpML Message (e.g., requestExecution)

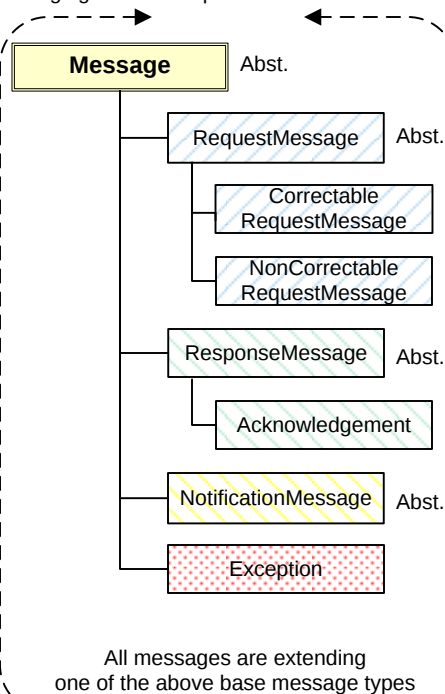
FpML root element. There are many root elements defined in FpML for the different message types and business processes. (see *Business Processes* below for full list)

The **header** contains standard envelope information used for electronic messaging. Envelope fields vary depending on the base message type

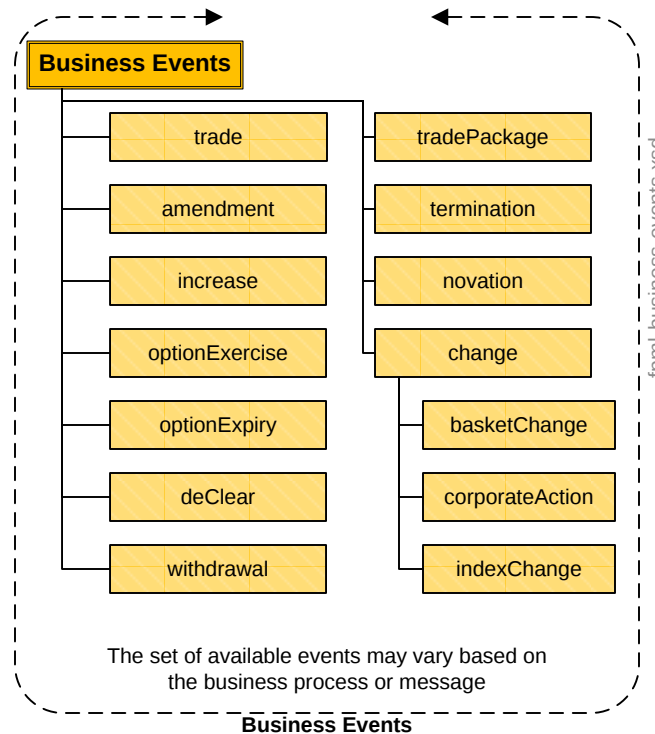
Additional fields for **message correlation** i.e., linking successive messages together (response, correction, retraction)

The **payload** of the message is determined by choosing one business event (e.g., trade, increase, termination) (the set of available events may vary from message to message)

A **product** can be specified as part of the event. Products are defined for the different asset classes (e.g., IRD, CD, FX) (see *Products Framework* for full list) Product representation can be looser or tighter depending on the view (e.g., Confirmation, Reporting)



Base Message Types



Business Events

Business Processes (continued)						
Messages shared across views	P	C	R	RK	T	L
messageRejected	Y	Y	Y	Y	Y	N
requestRetransmission	Y	Y	Y	Y	N	N
requestEventStatus	Y	Y	Y	Y	Y	N
eventStatusResponse	Y	Y	Y	Y	Y	N
eventStatusException	Y	Y	Y	Y	Y	N
serviceNotification	Y	Y	Y	Y	Y	N
serviceNotificationException	Y	Y	Y	Y	Y	N
valuationReport	N	N	Y	Y	N	N
valuationReportAcknowledgement	N	N	Y	Y	N	N
valuationReportException	N	N	Y	Y	N	N
valuationReportRetracted	N	N	Y	Y	N	N
verificationStatusNotification	Y	Y	Y	Y	Y	N
verificationStatusAcknowledgement	Y	Y	Y	Y	Y	N
verificationStatusException	Y	Y	Y	Y	Y	N

Business Processes

Business processes are organized under 6 views: Pretrade (P), Confirmation (C), Reporting (R), Recordkeeping (RK), Transparency (T), Legal (L)

Confirmation View

Allocation

requestAllocation
requestAllocationRetracted
allocationAcknowledgement
allocationException
allocationRefused
allocationApproved

Other

creditEventNotification

Clearing

requestClearing
requestClearingRetracted
clearingAcknowledgement
clearingException
clearingRefused
clearingStatus
clearingConfirmed

Clearing Eligibility

requestClearingEligibility
clearingEligibility
clearingEligibilityAcknowledgement
clearingEligibilityException

Confirmation

requestConfirmation
requestConfirmationRetracted
confirmationAcknowledgement
confirmationException
confirmationStatus
confirmationAgreed
confirmationDisputed

Trade Info Update

requestTradeReferenceInformationUpdate
requestTradeReferenceInformationUpdateRetracted
tradeReferenceInformationUpdateAcknowledgement
tradeReferenceInformationUpdateException

Examples of messages (FpML <root> elements)

← fpml-confirmation-processes.xsd →

Consent

requestConsent
requestConsentRetracted
consentAcknowledgement
consentException
consentGranted
consentRefused

Execution

requestExecution
requestExecutionRetracted
executionAcknowledgement
executionException
executionNotification
executionRetracted

Trade Change Advice

tradeChangeAdvice
tradeChangeAdviceRetracted
tradeChangeAdviceAck (...)
tradeChangeAdviceException

Execution Advice

executionAdvice
executionAdviceRetracted
executionAdviceAck (...)
executionAdviceException

Option Expiration Notification

optionExpirationNotification

Maturity

maturityNotification
maturityAcknowledgement
maturityException

Loan Notices

See FpML5-messaging-framework-loan.pdf

Recordkeeping View

fpml-recordkeeping-processes.xsd

Non-Public Reporting

nonpublicExecutionReport
nonpublicExecutionReportRetracted
nonpublicExecutionReportAcknowledgement
nonpublicExecutionReportException

Transparency View

fpml-transparency-processes.xsd

Public Reporting

publicExecutionReport
publicExecutionReportRetracted
publicExecutionReportAcknowledgement
publicExecutionReportException

Pretrade View

fpml-pretrade-processes.xsd

Credit Limit Check

requestLimitCheck
limitCheckApproved
limitCheckRefused
creditLimitReport
creditLimitException
setCreditLimit
creditLimitResponse
suspendCredit
restoreCredit
orderStatusNotification

Margin Quote

requestMarginQuote
marginQuoteConfirmed
marginQuoteRefused
marginQuoteAck...
marginQuoteException

Clearing Eligibility

requestClearingEligibility
clearingEligibility
clearingEligibilityExcept...
clearingEligibilityAck...

Legal View

fpml-legal.xsd

legalDocument

(supports Legal CSA English & NY Law)