



Speed4Trade CONNECT – Simplified Integration

Quick Guide

28.11.2018

Goals &
Objectives

The
Context

The
BASIC Calls

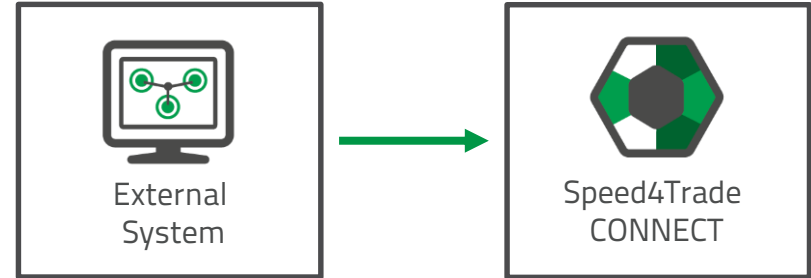
The
Mashup*

How to
start?

Grow

Best cost / benefit ratio for all stakeholders

- Fast results, simple realization
- Attention to development resources shortage
- Low-maintenance by trading platform independency
- Seamless user experience
- Product focus vs. Project focus



* [https://de.wikipedia.org/wiki/Mashup_\(Internet\)](https://de.wikipedia.org/wiki/Mashup_(Internet))

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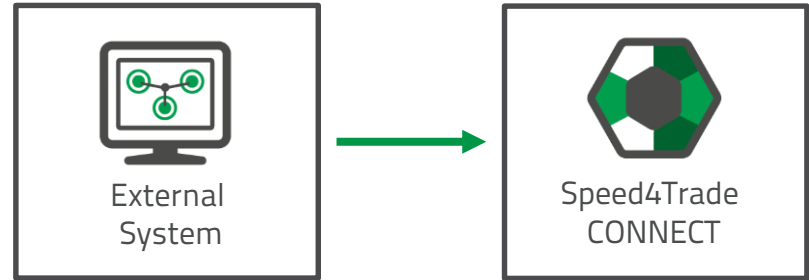
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Requirements

- **Master Data**
manual sync of tables, no master data calls required for rarely changed master data.
- **6 BASIC named calls and BASIC fields**
best practices
- **Integrate CONNECT Functions using Mashup**
optional, for an even better user experience
- **GROWTH calls and GROWTH fields**
powerful options to growth and extend the integration



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The BASIC Calls

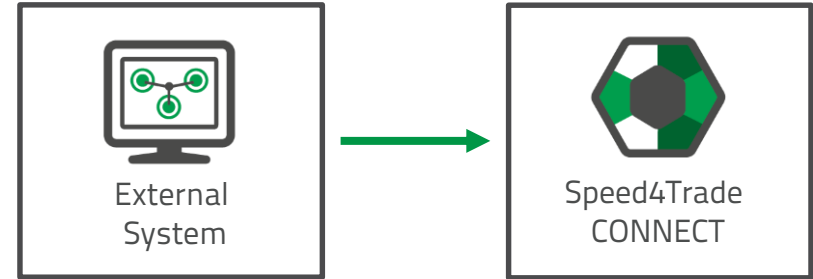
The Mashup*

How to start?

Grow

BASIC calls

- **items** with a focus on basic data
- **orders** reduced to best practice fields
- **data inheritance** by using groups of goods in CONNECT
- **prices and stock** with separate calls for performance of highly dynamic data exchange
- **order** processing based on agreed workflows
- **order status** without frills



updateCategories	→	groups of goods
updateItems	→	item data
updatePricelist	→	prices
updateStockCount	→	stock
fetchOrders	←	buyer orders
updateOrderStatus	→	order status

Your External System

CONNECT CONTAINER

Elements & Processes

- input screens, filtered list screens
- single-sign-on

Processes

- master data
- PIM & data enrichment
- preparing & listing offers
- marketplace messages
- after sales
- system messages, etc....

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Speed4Trade PARTNER

Entwickler / Developer Berater Kontakt Login

ERP oder PIM integrieren

Ermöglichen Sie den Zugang zu einer großen Anzahl von Handelsplattformen direkt aus Ihrem ERP und oder PIM System mit einer einzigen Schnittstelle.

Suchbegriff eingeben ...

ERP oder PIM integrieren

Bieten Sie Ihren Kunden Zusatzlösungen wie Shop- und Marktplatzanbindungen. Sie erhalten Unterstützung in Vertrieb, Beratung und Einführung unserer Lösungen beim Kunden.

JETZT STARTEN

JETZT STARTEN

8 Juni 2018
NEW: How to setup your Multi-Channel-Plugin test environment.
22. Dezember 2017
ALLE UPDATES

Partner Portal Ressources

- integration Step-by-Step navigator
- integration guide (only for Growth options required)
- BASIC webservice API documentation & XSDs
- test- and development environment
- documentation template (for Growth options only)

<https://partner.speed4trade.com>

Integrate additional functions via Mashup or GROWTH calls and fields ...

- synchronizing master data
- PIM – central attribute management
- for multi-lingual content
- for trading platform specific data & configuration
- additional pricing functions
- cross selling
- supplier management and many more ...

BASIC calls include

- multi client ability
- a single warehouse
- a single language content
- Pricelist with simple B2B or B2C pricing
- trading platform independent item data

Appendix

- **Order Workflow Definition – Overview of order workflow control mechanisms**
- **Meshup under the hood**
- **Technology Stack**



fetchOrders – Order Workflow Definition

Function	Filter	Description
Requesting new available orders	export_date	External system commits the successful order request using the call updateOrderStatus in a simple way. This way duplicate processing can be avoided as well.
Definition of order process workflow by workflow type	order_status_id	Invoicing and pre-paid workflows determine the for-shipping release and the system responsibility for the check of incoming payments. BASIC = 120/130 220
Additional restrictions by payment type	payment_method_id	Controls the system responsibility for the check of incoming payments if distributed across multiple systems, e.g. Speed4Trade CONNECT and external System, depending on payment type.
eBay specialities	complete_status	eBay has to order specialities <ul style="list-style-type: none">the buyer does not complete the checkout (checkout incomplete status)eBay does combine multi orders in a new order (Re-grouping of order) Best Practice recommendation <ul style="list-style-type: none">Create a pre-order slip in the external system and use it for stock reservation only. Do not set the export_date when complete_status = 3. Prior to another order import, delete all existing and release the reserved stock again. -> This solves the „checkout incomplete & regrouped orders issue simultaneously.Use the strategy to force the buyer checkout (after x days)
Error handling	No filter, but significant key	Use order_number and order_number_prefix (depends on account number range configuration) to identify orders that need to be requested and processes again (e.g. after a correction in CONNECT).



Meshup under the hood (1)

- **Meshup makes sense for those functions**
 - item list
 - item edit
 - action center, support center
 - market place report (in an item)
 - prepared offer & offer list
 - offer update
 - order edit
 -

Meshup under the hood (2)

- **How to integrate an URL via Meshup?**

- For an edit screen

`https://servername:port/emmidaweb/de-de/items/common.html?itemId=3747503&callback=no&frameless=1&mid=1&user=username&nonce=201901101345&secKey=.....`

- For a list screen („filter“ see next slide)

`https://servername:port/emmidaweb/de-de/items/list.html?frameless=0&mid=1&user=username&nonce=201901101345&secKey=.....`

- For the action center

`https://servername:port/emmidaweb/de-de/management/action-center.html?frameless=1&mid=1&user=username&nonce=201901101345&secKey=.....`

- **Establish a SSO & Session Handling**

- Do not use a „generic“ user
- number of concurrent users is limited by license
- avoid to open new sessions for already active users



Technology Stack

- **Encryption**

- Certificate → <https://partner.speed4trade.com/entwickler/tools/ssl-zertifikat-download/>
- Use newest cypher
- http basic authentication

- **Transmission protocols**

- https

- **XSDs**

- Not for validation purposes!

For additional info use the „Guideline SOAP Client Implementation“ (Leitfaden)

<https://partner.speed4trade.com/entwickler/integration-starten/integrationsleitfaden/>

