



ITFplus THE INTERFACE FRAMEWORK

.....

- › CONFIGURING INSTEAD OF PROGRAMMING

.....

- › SIMPLE, POWERFUL AND FLEXIBLE

.....

ITFplus

THE CONFIGURABLE MIDDLEWARE

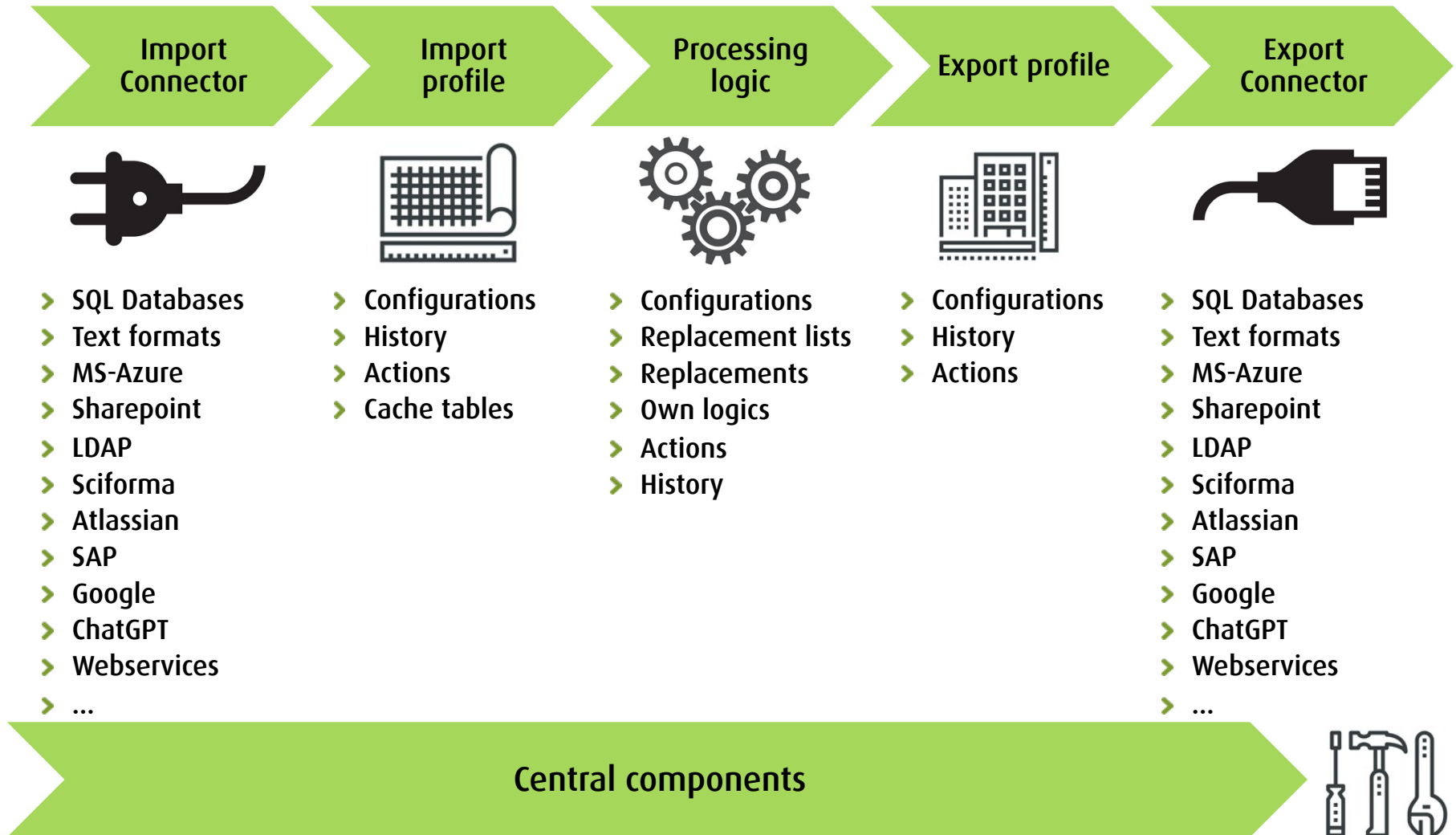
ITFplus is a middleware for multi-directional data exchange between different software systems.

The powerful platform enables flexible integration of applications and business processes.

- **Efficient automation of processes**
- **Consistent data in all connected business applications**
- **Support for common data exchange standards**
- **Providing tools that technicians and non-technicians can use to work interlocked**
- **Very good error handling**
- **Monitoring of processes in real time**
- **Excellent cost-benefit ratio**
- **Stable, expandable and safe**

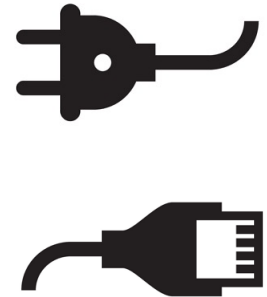
ITFplus

THE COMPONENTS



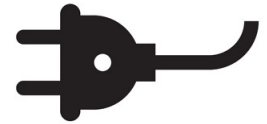
The following import and export connectors are available in ITFplus:

System / Technology	Details
SQL Databases	Microsoft SQL Server, Oracle, DB2, MySQL, MS Access, PostgreSQL, H2
Text formats	CSV, TXT, XML, Excel, MS-Project, Read only: iCal, PDF with text extraction
MS Azure	Everything covered by the Azure API (Sharepoint, Team Foundation Server, Office-Documents, Exchange)
Sharepoint	Sharepoint-API
LDAP	LDAP-API
Sciforma	Sciforma Java-API, in the future Webservices REST-API

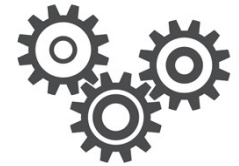


The following import and export connectors are available in ITFplus:

System / Technology	Details
Atlassian	Jira via REST-API
SAP	SAP RFC via Java API, SAP PI with RFC, SAP PI via Webservices, SAP CPI
Google	Calendars, tables, files on Google Drive
Webservices	SOAP, REST, Sharepoint, InLoox
Chat GPT	API
Access procedures	http, https, sftp, ftp, ftps
Security	User authentication, token handling with Microsoft and Jira, SAP via encrypted XML



ITFplus implements a variety of processing logics. Further processing logics can be supplemented with little effort.



Processing logics	Examples
Computational logic	Addition, subtraction, multiplication, division, sum, maximum, minimum, ...
Text editing	Textual merging, textual replacement, textual reduction, textual supplementation or formatting changes, JSON processing, ...
Date	date calculation, date conversion, ...
Logic	Compare, if - then, search and replace, links, ...

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SELECTED REFERENCES (1/2)



ITFplus

SELECTED REFERENCES (2/2)



BOSCH



SELL®

BTC



JÜLICH
FORSCHUNGSZENTRUM



BIOTRONIK
excellence for life



BORGERS

metric

HIS

Hochschul
Informations
System GmbH



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



Leuze electronic
the **sensor** people

hama®



MEYER BURGER



**Stadtwerke
Karlsruhe**

Besser versorgt, weiter gedacht.



infraser
höchst

Element Ihres Erfolgs.

symrise



DACHSER
Intelligent Logistics

CLAAS



elia group
Elia | 50Hertz | EGI



DWWV

ITFplus

IMPORT CONNECTORS

Alle Konfigurationen												Historie		Virtuelle		Profile		Ohne Scheduler			
Alle Import-Konfigurationen (136)												Liste filtern		Alle Bereiche		Schlagwort wählen		Alle Typen		Alle Scheduler	
#	Typ	Name	Beschreibung	Profil	Verwendung in Bearbeitungen / Verwendung in Exporten	Scheduler	Ziel	Angelegt von	Angelegt am	Anzahl	Zeilen in DB	Letzter Import	Bereich	Aktionen							
#1	Excel	Abram Imp-Exp Excel		Abram Imp-Exp Excel	<div><div></div><div>• *** Abram Imp-Exp Excel (Excel / ID: 232)</div></div>		Import & Work data (H2embedded -)	Seidler, Berit	07.09.2020	0	0		Zukunft - Umwelt-Gesellschaft	<div><div></div><div></div><div></div></div>							
#2	Datenbank / ITFplus database (ITFplus -)	Abram Projekt Test ALI Import		Abram Projekt Test ALI Import	<div><div></div><div>• xx Abram Projekt Test ALI Import (als neutrale Bearbeitung vom 2020-09-03 13:15:48)</div><div>• xx Abram Projekt Test ALI Import (als neutrale Bearbeitung vom 2020-09-03 13:24:11)</div><div>• xx Abram Projekt Test ALI Import (als neutrale Bearbeitung vom 2020-09-03 13:25:25)</div></div>		Import & Work data (H2embedded -) / TESTPROJEKTE_ABRAM	Seidler, Berit	03.09.2020	0	0		Zukunft - Umwelt-Gesellschaft	<div><div></div><div></div><div></div></div>							
#3	Excel	Abram Test Excel		Abram Test Excel	<div><div></div><div>• xx Abram Test Excel (als neutrale Bearbeitung vom 2020-09-04 08:20:36)</div><div>• xx Abram Test Excel (als neutrale Bearbeitung vom 2020-09-04 08:11:26)</div></div>	<div><div></div><div>• Scheduler for Export to Excel Abram</div></div>	Import & Work data (H2embedded -) / ALI_IMPORT	Seidler, Berit	04.09.2020 (07.01.2021)	2	102	07.01.2021 10:46	Zukunft - Umwelt - Gesellschaft	<div><div></div><div></div><div></div></div>							
#4	Sciforma / mwdays	Abwesenheiten		Abwesenheiten	<div><div></div><div>• xx cvbccc</div></div>	<div><div></div><div>• Alle Sciforma Exporte</div></div>	Import & Work data (H2embedded -)	Frey, Andreas	28.03.2019 (01.10.2020)	30	0	28.01.2021 07:05	Sciforma	<div><div></div><div></div><div></div></div>							
#5	Datenbank / ITFplus cache (cache -)	Achims Konfiguration [Achims]		Achims Konfiguration	<div><div></div><div>• xx Achims Konfiguration (als neutrale Bearbeitung vom 2020-09-04 ...)</div></div>	<div><div></div><div>• Default scheduler for Achims Excel Import (Excel / ID: 231) (created at ...)</div></div>	Import & Work data (H2embedded -)	Seidler, Berit	03.09.2020 (04.09.2020)	0	0		Zukunft - Umwelt - Gesellschaft	<div><div></div><div></div><div></div></div>							

STANDARD CONNECTIONS FOR IMPORTING DATA FROM DIFFERENT SOURCES

- Various SQL databases, CSV files, XML files (also Microsoft Project), Microsoft Excel files, LDAP directories, Sciforma, SAP and Web Services.
- Access authorizations to the connected systems are stored in the connectors.

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PROCESSING PROFILES

SIMPLE DEFINITIONS OF PROCESSING LOGICS

- Processing profiles refer to single or multiple import profiles.
- The data to be processed is selected by the results of import profiles.
- The processing profiles specify how the imported data should be processed.
- Possible processes are arithmetic operations and text edits.

Suche OK Übersicht Neu Historie Funktionen

Konfigurationen > Ersetzungs-Listen > Ersetzungen > Eigene Logiken > Konstante > Suche

Neue Schritte Nächster Schritt Speichern Schließen Duplizieren Löschen Starten Favorit Neutral Neutral

Bearbeitungs-Konfiguration "Backlog Items Activity Log aus Schindler Trial (als neutrale Bearbeitung vom 2020-10-08 10:42:12)" editieren

Allgemein

Angelegt von Frey2, Andreas2 am 08.10.2020 10:42 Zuletzt aktualisiert von Frey2, Andreas2 am 08.10.2020 10:43

Konfigurations-Name ! Backlog Items Activity Log

Verschlüsselung

Beschreibung

Bereich ! Schindler agile

Logging-Modus Fehler und Warnungen

Parallele Ausführung erlaubt Nein Ja

Als temporär markieren Nein Ja

Basis-Konfiguration Backlog Items Activity Log aus Schindler Trial (Schorf)

Altdaten löschen

Automatisches Löschen verhindern

Nur Differenzen verwenden Nein Ja

Schritte cachén Nein Ja

Daten der Basis-Konfiguration löschen Nein Ja

Hashcode speichern Nein Ja

Daten der Fremdkonfiguration löschen

SQL-Einschränkung

Sortierung

Gewünschter Tabellen-Name

App-Version: 2.71a, compiled: 2021-01-25
© 2010 Decisio Unternehmensberatung. All rights reserved.

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EXPORT PROFILES

SIMPLE DEFINITION OF THE RECORDS TO EXPORT

- Selecting the result of an processing profile opens the internal source and offers the available records for selection.
- The export profile determines which records are transferred to the desired target system.

Speichern Schließen Duplizieren Löschen Favorit Starten Raten Scheduler Historien

Datenbank Export-Konfiguration bearbeiten

Export konfigurieren

Angelegt von Frey2, Andreas2 am 04.11.2019 10:57 Zuletzt aktualisiert von Frey2, Andreas2 am 04.11.2019 10:57

Konfigurations-Name ! Issue dates speichern

Vorschlagwortung

Beschreibung

Bereich ! Jira

Logging-Modus Fehler und Warnungen

Parallele Ausführung erlaubt Nein ☒ Ja ☐

Als temporär markieren Nein ☒ Ja ☐

Bearbeitungs-Konfiguration ! Eine Bearbeitungs-Konfiguration wählen

Nur bereits gecheckte Nein ☒ Ja ☐

Ziel-Datenbank ! ITFplus cache (cache: -)

Ziel-Tabelle ! JIRAISUESDATES

Export-Modus ! Einfügen und aktualisieren

Schlüssel ohne unique Index Nein ☒ Ja ☐

Auto_increment verwenden Nein ☒ Ja ☐

ITFplus-Schlüssel

Sonderschlüssel 1

Sonderschlüssel 2

Sonderschlüssel 3

Sonderschlüssel 4

Sonderschlüssel 5

Sonderschlüssel 6

Sonderschlüssel 7

Sonderschlüssel 8

Sonderschlüssel 9

Sonderschlüssel 10

Als Transaktion Nein ☒ Ja ☐

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EXPORT CONNECTORS

Sciforma-Übersicht		Sciforma neu	Sciforma-Historie	Mapping	Zusatztabellen Übersicht	Zusatztabelle neu	Zusatztabellen-Historie	Mapping															
Sciforma Export-Konfiguration Übersicht (25)		Liste filtern		Alle Bereiche		Typ wählen																	
<input type="checkbox"/>	#		Name		Beschreibung		Bearbeitungs-Konfiguration		Typ		Sciforma Verbindung		Angelegt von		Angelegt am		Anzahl		Letzter Lauf		Bereich		Aktionen
<input type="checkbox"/>	#1		Benutzer AABBO exportieren		-Dummydaten für Stundenzettelexport-Test		Benutzer (in Arbeit / Einfügen und Aktualisieren)		Decisio		Frey2, Andreas2		07.01.2020 (05.08.2020)		0		29.01.2021 07:08		Sciforma				
<input type="checkbox"/>	#2		Benutzer aktualisieren		-Benutzer aus Sciforma importieren		Benutzer (in Arbeit / Einfügen und Aktualisieren)		Sciforma s71decisio 2020.06 (build 7,933)		Frey2, Andreas2		05.12.2019 (23.06.2020)		30		29.01.2021 07:08		Sciforma				
<input type="checkbox"/>	#3		Benutzer nach Sciforma exportieren Test für ZUG		Benutzer Import aus Excel für ZUG Test bearbeiten		Benutzer (in Arbeit / Einfügen und Aktualisieren)		Decisio		Frey2, Andreas2		08.09.2020		0		Zukunft - Umwelt - Gesellschaft						
<input type="checkbox"/>	#4		globale felder exportieren		-Dummydaten für Stundenzettelexport-Test		Globale Felder (in Arbeit / Einfügen und Aktualisieren)		Decisio		Frey2, Andreas2		07.08.2020		0		Sharepoint						
<input type="checkbox"/>	#5		Jira Projekte nach Sciforma exportieren		Bearbeiten von 2020 Jira Projekte		Projekte (in Arbeit / Einfügen und Aktualisieren)		Sciforma 2020.06		Ouesarhatou, Mustapha		08.07.2020		0		Jira						
<input type="checkbox"/>	#6		mhjgjh		Bearbeiten der Jira Projekte 20201		Benutzer (in Arbeit / Nur aktualisieren)		Decisio		Ouesarhatou, Mustapha		14.02.2020		0		Sciforma						

STANDARD CONNECTIONS FOR EXPORTING DATA FROM DIFFERENT DATA SOURCES

- Various SQL databases, CSV files, XML files (also Microsoft Project), Microsoft Excel files, LDAP directories, Sciforma, SAP and Web Services.
- The export connectors determine which records can be transferred to the connected systems.
- Access authorizations to the connected systems are stored in the connectors.

Frey2, Andreas2 (de)

(Administrator)

Decisio-ITFplus

Administrations-Bereich

ITFplus

Home

Aktionen

Importe

Bearbeitungen

Exporte

Scheduler

Anwendung

Abmelden

Zurück

Benutzer / Bereiche

Benutzer Übersicht

Benutzer Neu

Rollen

Bereiche

Bereich Neu

Eigenschaften

Datenbanken

Datei-Konfiguration

SAP / RFC

LDAP

Sciforma






Atlassian

Microsoft

Benutzer Übersicht

Liste filtern

Alle Bereiche

Benutzer-Name	Nachname ▲	Vorname	E-Mail	Sprache	Deaktiviert	Mail bei Neustart	Mail bei Stop	Bereich	Rollen	Eingeloggt	Aktionen
administrator	Frey	Andreas	andreas.frey@decisio.de	Deutsch	✗	✗	✗	Sharepoint, Jira, Excel, Claas, Azure Decisio, __print__, Zukunft - Umwelt - Gesellschaft, Sciforma, SMS group, Decisio-Jira-Sciforma, Schindler Poc, Decisio, Inloox, Standard	Administrator, Superadministrator, Certification, User	✗ (26.11.2020 14:50)	
afrey	Frey2	Andreas2	andreas.frey@decisio.de	Deutsch	✗	✓	✓	Zukunft - Umwelt - Gesellschaft, Sharepoint, Sciforma, Decisio-Jira-Sciforma, SMS group, Decisio, Jira, Excel, Inloox, Standard, Schindler agile, Azure Decisio	Administrator, Superadministrator, Certification, User	✓	 
Mustapha	Ouserhatou	Mustapha	mustapha.ouaserhatou@decisio.de	Deutsch	✗	✓	✓	Sciforma 2020.06, Sharepoint, Jira, Claas, Excel, Azure Decisio, __print__, Sciforma, Decisio-Jira-	Administrator, Superadministrator,	✓	 

MAINTAINING USER AND LOGIN DATA

- Name, email, username, language, section assignment, password

MAPPING TO USER ROLES

- Administrators, Users, Readers

ASSIGNMENT TO SECTIONS

- Access to configurations that are assigned to sections

Benutzer Übersicht		Benutzer Neu		Rollen		Bereiche		Bereich Neu	
Bereich Übersicht									
ID	Name	Beschreibung	Kurzbezeichnung	Bereichsübergreifend	Aktiv	Mitglieder	Angelegt am	Aktionen	
2	__print__		PRT			<ul style="list-style-type: none">• Ouaserhatou, Mustapha• Frey, Andreas	02.02.2019 (09.07.2020)		
74	Azure Decisio		Azure			<ul style="list-style-type: none">• Teske, Manfred• Frey2, Andreas2• Ouaserhatou, Mustapha• testor, test	14.05.2020 (27.01.2021)		

MAINTENANCE OF THE SECTIONS.

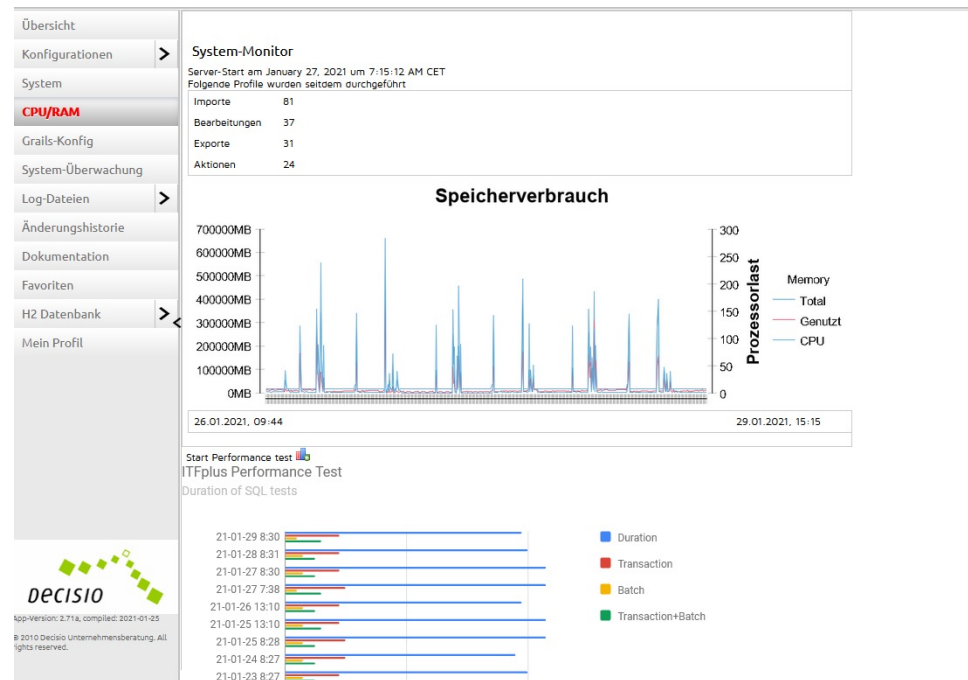
- Division the application into different user sections
- Control of processing logics in different user sections

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CENTRAL COMPONENTS – SYSTEMS MONITORING

MONITORING

- Display of the system state.
- Support for system sizing.
- Troubleshooting assistance.



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CENTRAL COMPONENTS - REPORTS

Übersicht

Dateien

Bilder

Folgende Bericht-Vorlagen sind verfügbar

Report-Typ	Datei-Name		Dateigröße	Änderungsdatum	
BIRT	einzelprojektstatusbericht		878 kB	18.06.2019 14:07	
BIRT	printsinglereport		931.1 kB	18.06.2019 14:07	
BIRT	projektstatusbericht		907.6 kB	18.06.2019 14:07	
Crystal Reports	einzelprojektbericht		51 kB	18.06.2019 14:07	
Crystal Reports	hallo_knau		44 kB	18.06.2019 14:07	
Crystal Reports	TestPara		10 kB	18.06.2019 14:07	
Word	standard_word_report		225.9 kB	18.06.2019 14:07	

 Datei-Browser für Berichte öffnen

Neue Berichtsvorlage hochladen

Durchsuchen...

Keine Datei ausgewählt.

Bei Namensgleichheit

Alte Datei ersetzen

Hochladen

CONFIGURATION OF CUSTOMER REPORTS.

- In ITFplus, profiles for the creation of reports can be stored.
- The layout of the reports is created in BIRT)*.
- The reports can then be created and distributed using a batch routine.

)* BIRT - An open source technology platform used to create data visualizations and reports that can be embedded into rich client and web applications.
Quelle: <http://eclipse.org/birt/>

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CENTRAL COMPONENTS – LANGUAGE KEYS

Übersicht

Neu

Cache leeren

Neu laden

Sprachschlüssel-Übersicht

Suchen

-Select locale-

-Select source-

Suchen

Schlüssel	Sprache	Text	Quelle	Angepasst	Angelegt am	Aktualisiert am
accesslog.label	fr	Direktzugriffs-Log	messages	✖	02.02.2019 10:11	02.02.2019 10:11
accesslog.label	*	Direktzugriffs-Log	messages	✖	02.02.2019 10:11	02.02.2019 10:11
accesslog.label	de	Direktzugriffs-Log	messages	✖	02.02.2019 10:11	02.02.2019 10:11
action.configs.title	de	Aktions-Konfigurationen	messages	✖	02.02.2019 10:11	02.02.2019 10:11
action.configs.title	fr	Configurations d'action	messages	✖	02.02.2019 10:11	02.02.2019 10:11

CONFIGURATION OF LANGUAGE

- › Definition of the desired language
- › English and German are standard
- › Other languages freely configurable

ITFplus

SYSTEM REQUIREMENTS

- Java web server (mostly Tomcat, from 8.5)
- Java (for SOAP it must be JDK) only version 8
- Server capacity (computing power and storage space. ITFplus is packed approx. 500MB in size, unpacks approx. 800 MB)
- Memory for Tomcat maximum large, at least 8GB, if possible more. Some customers have up to 36GB of RAM.
- The amount of disk space required depends heavily on the requirements for the amount of data to be processed. Precise information is only possible after an analysis of the interface requirements. In order for the databases to be shut down properly, they need twice the storage space for a short time. If the 5 ITFplus-owned databases are 10 GB in size and the largest of them 5 GB, ITFplus needs 15 GB to exit even the largest database correctly.
- The ITFplus server must have access to these systems for communication with third-party systems.

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LICENSE MODEL

ITFplus S

- › Use of connectors for Sciforma and one other external component.

ITFplus M

- › Use of connectors for Sciforma and two other external components.

ITFplus L

- › Use of all external components offered.

Other Connectors

- › Active Directory
- › Azure-API (Calender, User, Mail, ...)
- › Sharepoint-API (Dokuments, User, ...)
- › Jira-Installation
- › external SQL-Database
- › SAP-Module
- › WSDL-File for a Web-Service

ITFplus

OPERATING MODELS

On Premise

- You purchase an ITFplus license and run the system yourself on your own server in your own infrastructure.

SaaS by Decisio

- You rent ITFplus incl. operation by Decisio. Operation takes place in a German data center.

SaaS by Sciforma

- You rent ITFplus incl. operation by Sciforma. Operation takes place in the Amazon Web Service.

ITFplus

CUSTOMIZING

In many cases, only a few days of consulting are required for customizing. During this period, the following services are provided:

- Install ITFplus in a development, testing, and production environment.
- Configuration of basic connections and imports.
- Instruction of interface administrators.
- Support in the test and go-live phase.

For more complex topics, we will work with you on an interface concept and then create a separate offer for the implementation.

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MAINTENANCE

Maintenance includes:

- Troubleshooting (error reporting online via helpdesk platform).
 - Adaptations of the software product to
 - to new release levels of the undersigned operating system software
 - to new release levels of the undersigned database
 - to new release levels of the web server used
 - to new release levels of the server-integrated scripting language
 - Provision of new standard connectors as part of product maintenance

Not included in maintenance is the new development of connectors due to a change of technology on the side of the connected system.

ITFplus

CONTACT

- Do you want to avoid the complex development of individual interfaces in your customer projects?
- Would you like to know how we can quickly and flexibly combine your software solution with your customers' existing systems?
- Then we look forward to hearing from you!

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