

Apparo Fast Edit

Standard program for company-wide data collection

IBM Cognos Analytics





„Business Intelligence is the nervous system of the company “

... but shouldn't that work in both directions?



**„Report Annotation“
is just the first step.**

**For more productivity there is
Apparo Fast Edit**



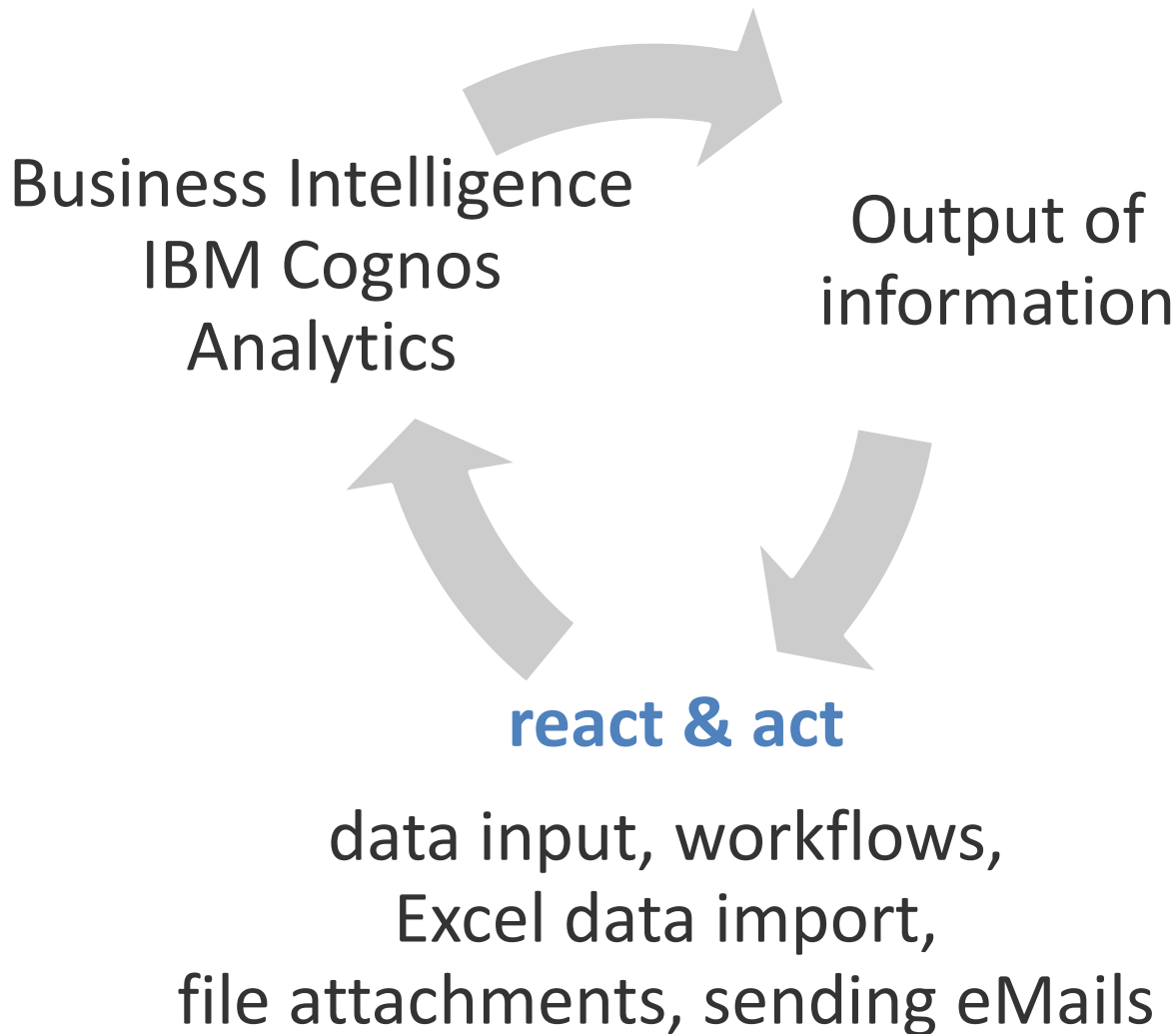
Apparo Fast Edit:

Make decisions & react

Data entry-Workflows

Integration of the „Excel world“

Replacing unmaintanable Excel Apps



1. Precondition:

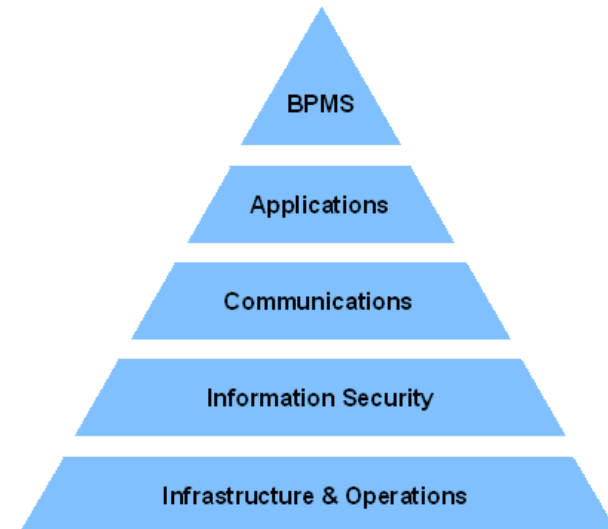
Combining the strenghts of Excel and IT-Systems:

Flexibility



&

Structure

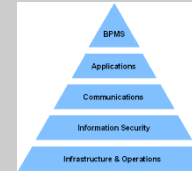


Advantages



- **Intuitive use**
- **Flexibility**
- **Available at every work place**
- **The universal tool**

Advantages



Clear structures:

- **One valid data status version**
- **One valid data source**
- **Security**
- **Data quality checks**
- **Clearly defined workflows**

2. Precondition:

All data inputs must be available for further processing outside of the Business Intelligence system too.

Apparo Fast Edit is storing all data changes into your freely definable relational database tables.

3. Precondition:

**Users can enter data only
when they are allowed to.**

**Apparo Fast Edit is using the
IBM Cognos Analytics security system**

4. Precondition:

The IT system must be **flexible** and quickly **adaptable**.
Business requirements are constantly changing.

With Apparo Fast Edit:

- **no programming required (but coding is possible)**
- **no intensive training necessary**

Comparable with report creation via IBM Cognos Analytics.

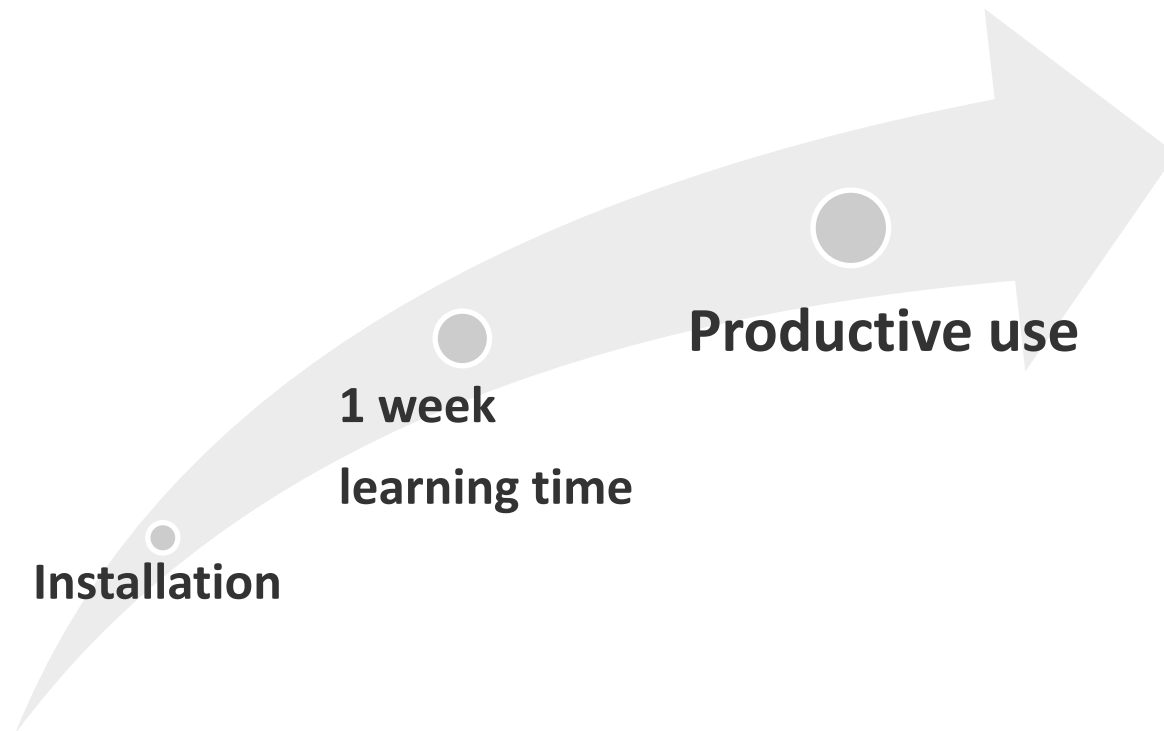
5. Precondition:

All data changes can be logged optional.

**Apparo Fast Edit optionally logs all data changes –
who, what, when, how, old & new values**

6. Precondition:

Low familiarization time - steep learning curve



7. Precondition:

Larger office environments must be supported.

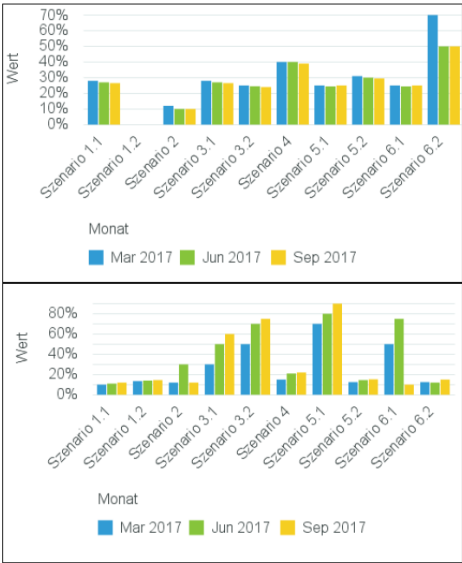
- **Client management with own design and security**
- **Security for different roles:
administration, DB access, design, deployment,...**
- **Multilingual interface (Designer: en, de, fr)**

Embedded in reports or dashboards

Commenting in reports and embedded BC

Sample report Apparo

Szenario 2



Wert

Monat

■ Mar 2017 ■ Jun 2017 ■ Sep 2017

Teil Szenario Enter comment

Szenario 2 [Comment measure](#)

[Commenting now report \(Version 1\)](#)

- Die Stresstestszenarien Szenario 1.1 und Szenario 1.2 beschreiben die Auswirkungen einer allgemeinen Bonitätsverschlechterung auf das gesamte Portfolio der Bank.
 - Szenario 1.1: **Allgemeine Bonitätsverschlechterung** -aufsichtlich (Stress der selbstgeschätzten IRBA-Parameter PD Gesamt und LGD im Retail-Portfolio)
 - Szenario 1.2: **Allgemeine Bonitätsverschlechterung** -betriebswirtschaftlich (PD- und LGD-Stress in Retail- und Non-Retail Portfolios)
- Im Portfolio der apoBank bestehen Risikokonzentrationen insbesondere durch die spezielle Zielgruppe von Ärzten und Apothekern im Mengengeschäft. Um diese zu berücksichtigen, wird das Mengengeschäft besonderen Stresstests unterzogen. Die Szenarien 2 bis 6 berücksichtigen die Veränderung des Scorewertes, des BCF, der Steuern, des Marktzinses und der Sicherheiten.
 - Szenario 2: **Allgemeine Bonitätsverschlechterung** (Veränderung der aktuellen Kalibrierung von apoRate)
 - Szenario 3: **Gesundheitsreform** (2 Parametrisierungen mit 10% (3.1) und 20% (3.2) Rückgang des Brutto-Cashflow in der Kapitaltragfähigkeitsrechnung von apoRate)
 - Szenario 4: **Steuerreform** (Erhöhung der Steuerlast in der Kapitaltragfähigkeitsrechnung um 30%-Punkte)
 - Szenario 5: **Anstieg des Marktzinses** (2 Parametrisierungen mit 2% (5.1) und 4% (5.2) Zinserhöhung in der Kapitaltragfähigkeitsrechnung)
 - Szenario 6: **Abwertung der Sicherheiten** (2 Parametrisierungen: mit um 15% (6.1) und 30% (6.2) reduzierten Beileihungswerten der Objekte)

Comment

[comment for this scenario](#)

Closing comment

Attachment apo.xml

OK

↑ Top ↑ Page up ↓ Page down ↓ Bottom

Or as extra window with much space

The screenshot displays the APPARO software interface. The main window is titled "Sample report Apparo" and shows a report for "Szenario 2". A secondary window, titled "Level #1 Simple commenting of reports (report name + date + user) - c1107.sad.com", is open over the main report. This window has a dark header with "Apparo Fast Edit" and "Administrator Demo generation 2". Below the header, there is a section for "Simple commenting of a report (report name, month/year, user name)" with the instruction "Additional the user can send an email that contains this comment". The form contains the following fields:

report year	2018
report month	5
User	Administrator
Comment	Comment for scenario 2

At the bottom of the comment window, there are "OK" and "CANCEL" buttons. The main report window also has "OK" and "CANCEL" buttons at the bottom. The interface includes a sidebar with navigation icons and a top bar with various utility icons. The zoom level is set to 106%.

Examples for dashboard * ▾

Master Data Management Auditing & Logging

Input /edit of the measures with advanced auditing
Advanced auditing logging
Showing log entries that are client wide

Data Tracking Demo including advanced auditing

Advanced auditing stores who changed what and when:

OLD and new values, Kind of Change (Insert, Update, Delete), User and Timestamp

<input type="checkbox"/>	Product line	Product	Amount/Year	Quarter I	Quarter II	Quarter III	Quarter IV	Last changed by	Last change from
<input type="checkbox"/>	Trousers	Talli	6000	800	1500	450	300	administrator	03.31.2017
<input type="checkbox"/>	T-Shirts	T-Shirt October	900	200	250	200	210	administrator	03.29.2017
<input type="checkbox"/>	T-Shirts	T-Shirt Vienna	6500	500	2500	2000	100	administrator	03.29.2017
<input type="checkbox"/>	T-Shirts	T-Shirt Moscow	2000	300	500	900	500	administrator	03.29.2017
<input type="checkbox"/>	T-Shirts	T-Shirt 69's	6000	1000	2000	2000	500	administrator	03.29.2017
<input type="checkbox"/>	Caps	Blue Cap	5000	500	2500	500	500	administrator	03.29.2017
<input type="checkbox"/>	Caps	Yellow Cap	4999	990	990	990	990	administrator	03.29.2017
<input type="checkbox"/>	Caps	Dark Cap	9000	1000	2000	3000	1000	administrator	03.29.2017

▾
 ▾

Page: 1 / 1

OK
DELETE
INSERT
EXPORT TO EXCEL
EXCEL ROW-IMPORT
CSV FILE IMPORT

⏪ ⏩ ↺

Standard program for company-wide data entry



- **Entry and maintenance** of master data, plan data, HR, metrics, ...
- **Multi-level data entry workflows**
- **Report comments** with further processing
- **Smaller web applications** (polls, surveys, questionings, registrations)

Combining data output and data input

- Flexible data input and comments in reports and dashboards



Reacting instead of just consuming

- Directly make decisions and set prioritizations
- Define plan objectives and inquire measures

Demo of distributing yearly budget to 12 month

Product id
 Alon
 Architect
 Bags New York
 Bino Man

Product	Sum year	January	February	March	April	May	June	July	August	September	Oktober	November	December	Workflow
Gilbert	383,505.00	4,444.00	0.00	3,333.00	300.00	3,450.00	300.00	120.00	123,123.00	55,550.00	5,000.00	93,942.50	93,942.50	open
Madox	30,000.00	0.00	0.00	200.00	300.00	3,450.00	300.00	120.00	200.00	6,357.50	6,357.50	6,357.50	6,357.50	open
Alon	60,417.00	0.00	0.00	200.00	300.00	3,450.00	300.00	120.00		1,357.50	44,444.00	8,888.00	1,357.50	open
Bags New York	23,857.50												23,857.50	
Madox	12,570.00	0.00	0.00	200.00	300.00	3,450.00	300.00	120.00	200.00				8,000.00	open
Bags New York	20,000.00	0.00	0.00	800.00	500.00	500.00	5,005.00	500.00	500.00			6,097.50	6,097.50	open
Bags New York	2,017.00	0.00	0.00	100.00	50.00	60.00	50.00	50.00	50.00					Ready for approval
T-Shirt Vienna	127,693.00	0.00	0.00	200.00	300.00	3,450.00	300.00	120.00	200.00			123,123.00		Ready for approval
Joki	50,000.00	0.00	0.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	open
708,402.50		4,444.00	0.00	10,033.00	7,050.00	22,810.00	11,555.00	6,150.00	129,273.00	68,265.00	60,801.50	243,408.50	144,612.50	

OK

CLOSE

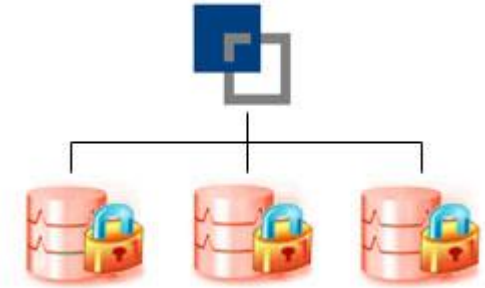
Define own logic, own behaviour, little coding necessary.
Logic is definable using Javascript, server & client side.

Cut costs when building applications

- Standard environment for data-driven web applications
- **Respond faster to business requirements**, due more simple technical realization

Clients with own security & corporate design

- Each client is an own, separated environment with own design and security
- Suitable for separated departments



Quality-assured data entry



- All entries are checked for correctness and in case of errors the business user gets immediate feedback
- Valid values are calculated with variables => flexibility
(Use of SQL and JavaScript)

Auditable data entry



- Full Overview, Who changed What, When and How
- History of all data changes without programming
 - Slowly changing dimension type 2

Detailed control based on security groups



Detailed management of

- Access
- Data Output & Input
- Functionality on / off etc.

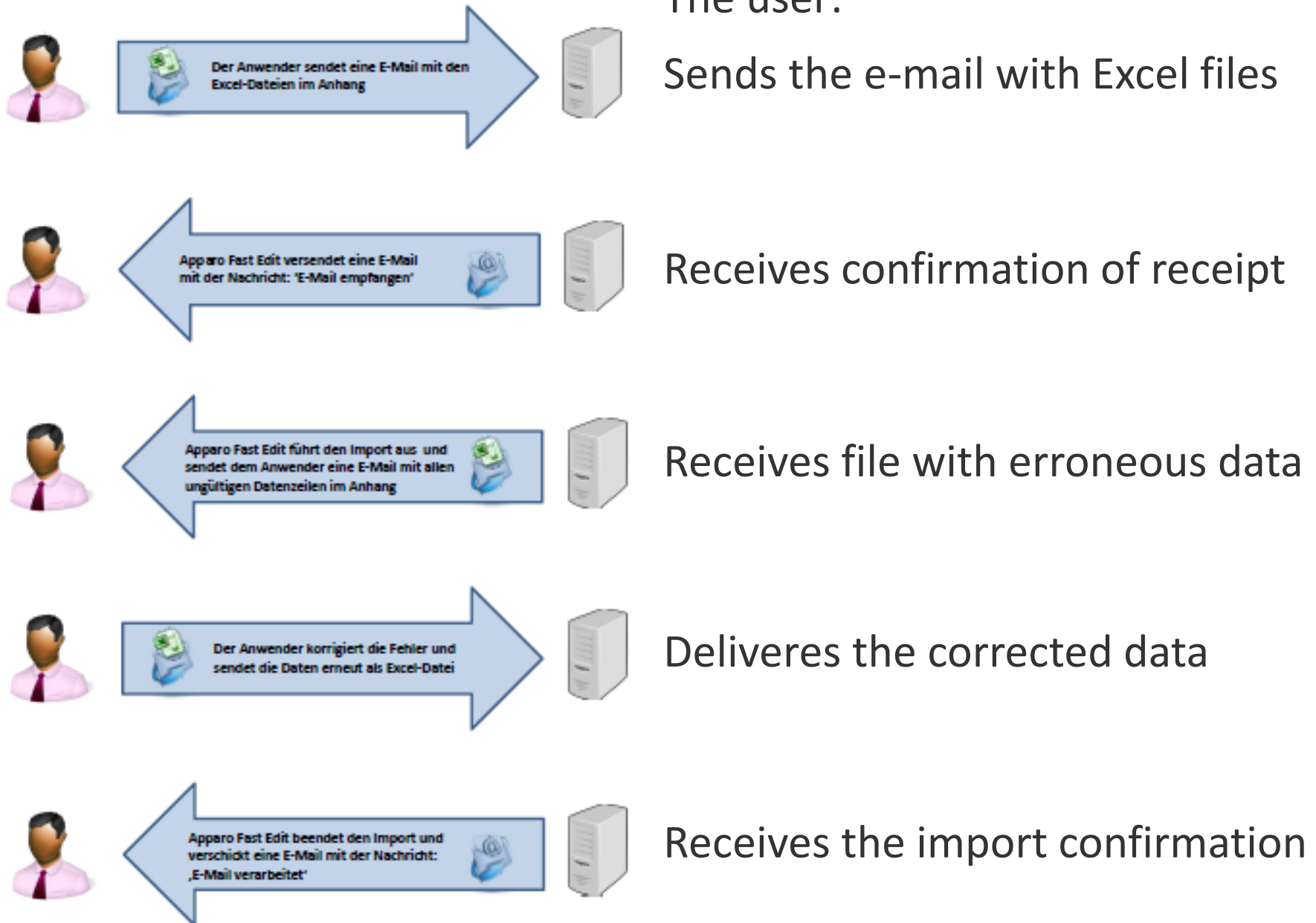
... depending on the user group

Import of Excel data



- Via copy & paste directly from Excel – without Excel plugin etc.
- File import
- Automatic file import from file system
- Import via e-mail

... incl. security, incl. data checks, incl. auditing & history etc.



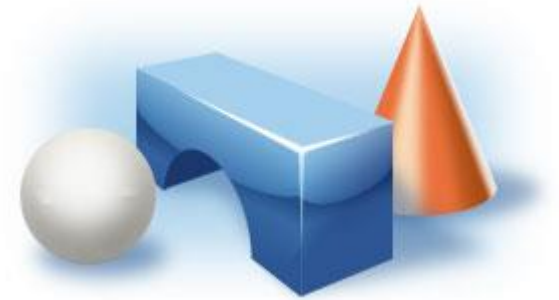
Excel export

- As File (all Excel formats)
- Generate Excel files with **read-only cells (primary keys etc.)**
- Define the columns and order for the export individually

In the Designer

- Switchable help texts for each setting
- Training movies (locally installed)
- Optional: automatic creation of tables and columns

...reduce learning effort



Better overview - only required functions are displayed:

Apparo Fast Edit Business Case Designer - SAMPL WF WORKFLOW1 / SAMPLES Input of th... Administrator Demo Close Designer

Run Close Save Cancel

Target table Header Footer Visual Colours Widgets Row ordering Link to IBM Cognos Analytics Features

- Main settings
- Standard buttons
- My own action buttons
- Filter data output
- Variables
- Inserting of new data rows
- Editing of data rows
- Bulk data update
- Excel import
- Excel export
- Auditing of data changes
- Data history

Filtering widgets

<input type="checkbox"/>	Row	Column	Column name	Widget type	Title	H
<input type="checkbox"/>	1	1	> PRODUCT_LINE_ID	> Lookup dropdown (for all tables)	Product line filter	<input type="checkbox"/>
<input type="checkbox"/>	1	2	> STATUS_ID	> Lookup multiselect (for all tables)	'My status' data filter	<input type="checkbox"/>
<input type="checkbox"/>	1	3	> STATE_REVISION_ID	> Lookup dropdown (for all tables)	Controlling status filter	<input type="checkbox"/>
<input type="checkbox"/>	1	4	> PLAN_YEAR	> Input field	Year	<input type="checkbox"/>

Bulk update widgets

<input type="checkbox"/>	Column	Column name	Widget type	Title	RO	H
<input type="checkbox"/>	1	> STATUS_ID	> Lookup dropdown (for all tables)	Change status	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	2		> Label with variables			<input type="checkbox"/>

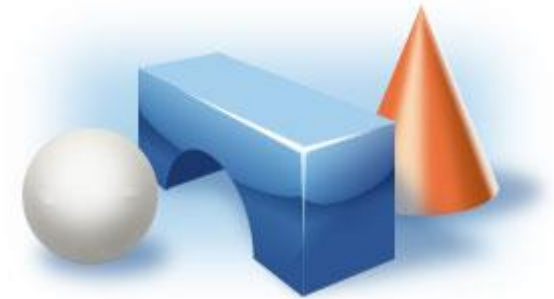
Editing widgets

<input type="checkbox"/>	Column	Column name	Widget type	Title	PK	RO	H	NN
<input type="checkbox"/>	1	> VALID_FROM	> Input field	> valid-from	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	2	> VALID_TO	> Input field	> valid-to	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	3	> PLAN_YEAR	> Input field	> Year	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	4	> PLAN_MONTH	> Input field	> Month	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	5		> Spacer & Title	>			<input type="checkbox"/>	
<input type="checkbox"/>	6	> OFFICE_ID	> Lookup dropdown (for all tables)	> Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

show description

Unnecessary complexity disappears,
usage is simpler and faster

From the user's view



- Default values, help texts, an understandable web interface
- No installation required (web browser based)
- Uniform design, fully integrated into IBM Cognos Analytics

.... no training necessary

Other Features

- Send e-mails
- Attach files
- Call external scripts, functions, and programs
- JavaScript for application logic (server and client side)
- Variables for flexibility, calculations with SQL





Live-System

<https://demo.apparo.services>

Trial versions:

- 60 days
- Micro license (no time limitation)



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