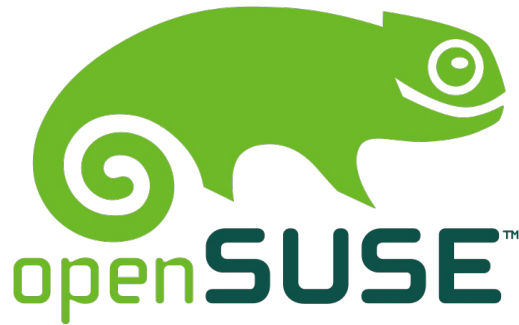




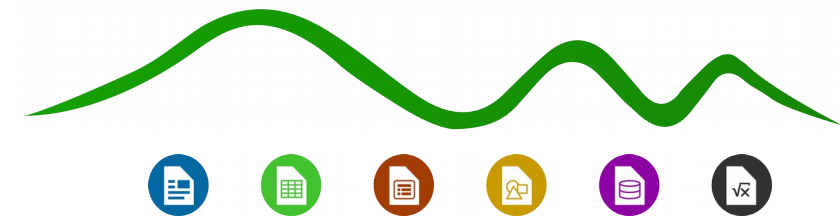
## Migrating from MS Office to LibreOffice: the Italian Public Administrations

- ▾ Marina Latini – **STUDIOSTORTI**  
SOLUZIONI OPEN SOURCE

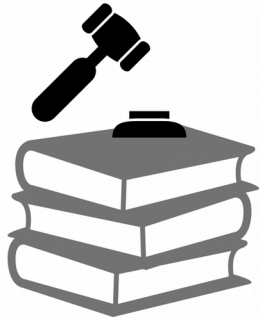
# About me



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# Overview of Italian laws



D. Lgs March 7th 2005, n.82,  
(GU n.112, 2005/05/16)  
in effect since 2006/01/01



**Preservation**

**Management**

**Transmission**

**Access**

**Usability**

**Availability**

# Art. 9, comma 1

## Democratic electronic participation



# Art. 50

## Data availability



# Art. 51 comma 2

## Security of data, systems and infrastructure of public administrations





# Art. 52

## Electronic access and reuse of data of public administrations



# Art. 68

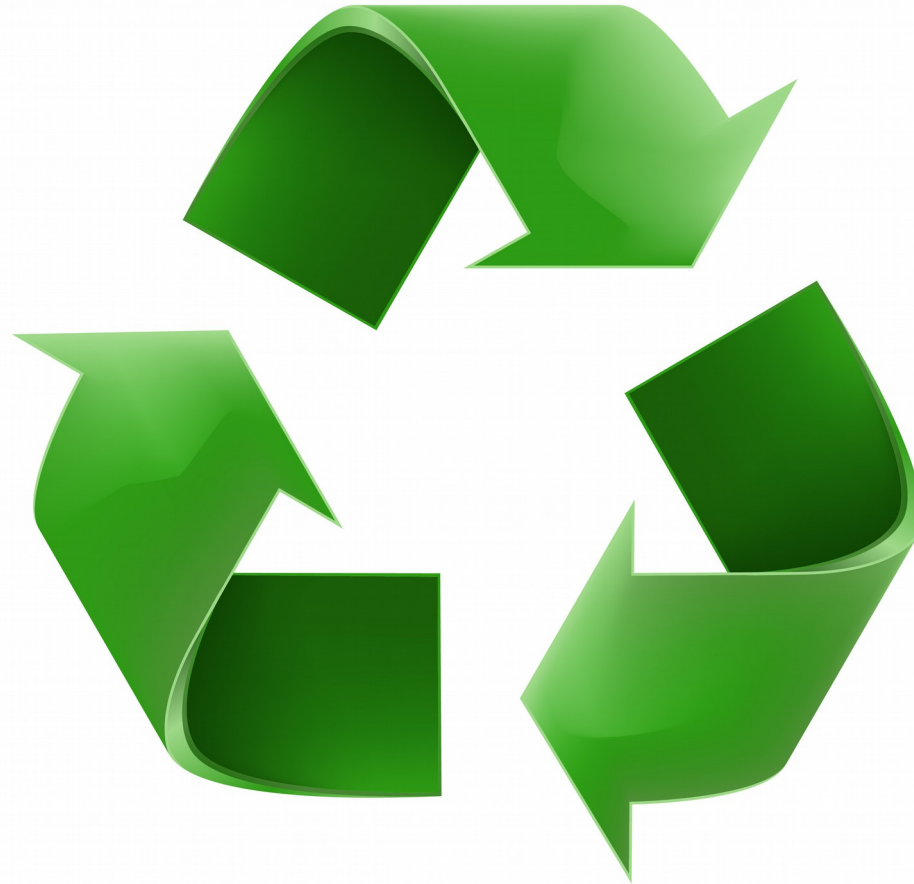
## Comparative analysis of solutions



©2009, Tim Adams

# Art. 68

## Reuse and Free Software



# Art. 69

## Reuse of computer programs



```
androidinst.cxx
1  /* -*- Mode: C++; tab-width: 4; indent-tabs-mode: nil; c-basic-offset: 4 -*- */
2  /*
3   * This file is part of the LibreOffice project.
4   *
5   * This Source Code Form is subject to the terms of the Mozilla Public
6   * License, v. 2.0. If a copy of the MPL was not distributed with this
7   * file, You can obtain one at http://mozilla.org/MPL/2.0/.
8   */
9
10 #include <jni.h>
11
12 #include <android/log.h>
13 #include <android/looper.h>
14 #include <android/bitmap.h>
15
16 #include <android/androidinst.hxx>
17 #include <headless/svpdummies.hxx>
18 #include <generic/gendata.hxx>
19 #include <osl/detail/android-bootstrap.h>
20 #include <rtl/strbuf.hxx>
21 #include <basebmp/scanlineformats.hxx>
22 #include <touch/touch.h>
23 #include <vcl/settings.hxx>
24
25 #define LOGTAG "LibreOffice/androidinst"
26 #define LOGI(...) ((void) __android_log_print(ANDROID_LOG_INFO, LOGTAG, VA_ARGS))
27 #define LOGW(...) ((void) __android_log_print(ANDROID_LOG_WARN, LOGTAG, VA_ARGS))
28 #define LOGE(...) ((void) __android_log_print(ANDROID_LOG_ERROR, LOGTAG, VA_ARGS))
29
30 static jclass appClass = 0;
31
32 // Horrible hack
33 static int viewWidth = 1, viewHeight = 1;
34
35 class AndroidSalData : public SalGenericData
36 {
37 public:
```

riga: 1 / 561    colonna: 24    selezione: 0    INS    TAB    modalità: Unix (LF)    codifica: UTF-8    tipo di file: C++    funzione corrente: sconosciuto

# Art. 69

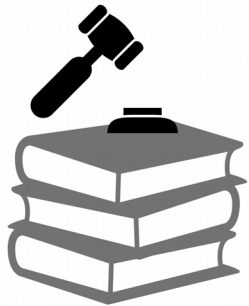
## Reuse and portability



# Art. 69

## Reuse and contracts





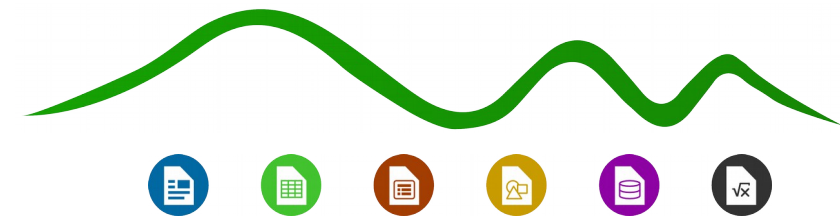
Guidelines for comparative  
assessment provided by  
“Digital Administration Code”

# Art. 70

## Database of reusable programs







# Migration process and actual situation



INSERISCI UTENZA E PASSWORD!  
solo così potrai utilizzare tutti gli strumenti evoluti di ricerca



PROGRAM

Green Public Procurement

PURCHASING TOOLS

INTERNATIONAL EXPERIENCES

### Program

The Program for the Rationalization of Public Authority Purchases was launched with the 2000 Budget Law with the aim of optimizing public purchases of goods and services and developing provisioning models based on innovative processes and technologies.

The new possibilities offered by recent legislation promoting the use of cutting-edge technological solutions have created the opportunity to structure public authority purchasing entities according to private sector models. In this scenario, with the aim of making the public expenditure market ever more efficient and transparent, the Program provides Italian public authorities and European companies with a number of innovative purchasing tools.

Framework Contracts, the Electronic Marketplace and Framework Agreements are the first eProcurement tools that have been successfully developed by the Program and they will soon be followed by the Dynamic Purchasing System (DPS).

In its institutional activity, the Program plays the role of interlocutor between public authorities and enterprises. Ensuring a structured and market-friendly change management process requires the involvement of a number of public and private sector entities with different roles and functions:

- the Ministry of the Economy and Finance plays a policymaking and coordinating role, defines the Program's guidelines and promotes synergies with all other involved institutions
- Consip, within the guidelines set by the MEF, analyzes the demand and supply markets, develops purchasing initiatives according to PA requirements and provides purchasing know-how and consultancy services to meet specific requirements
- Public Authorities and Enterprises benefit from the use of the tools provided by the Program and cooperate in the identification of quantity and quality requirements
- the Oversight Authorities (AGCM / CNIPA / AGCOM / AEEG) ensure, within their specific responsibilities, the compliance of purchasing initiatives with the principles of transparency and competition.

# Microsoft Government Open License (aka “Microsoft GOL”)



Microsoft offers “discounted” licenses in agreement with Public Administrations. The price list (Italian only) is reachable from:

- ▼ <http://www.acquistinretepa.it> → “Sei una amministrazione” → “Che strumento vuoi usare” → “Microsoft GOL”

# Microsoft products price per seats (aka “Microsoft GOL”)



<i>Description</i>	<i>Product type</i>	<i>Price (September 2014)</i>
<b>OfficeProPlus 2013 OLP NL Gov</b>	<b>Standard</b>	<b>€ 347,44</b>
<b>OfficeProPlus LicSAPk OLP NL Gov</b>	<b>License/Software Assurance Pack</b>	<b>€ 548,92</b>
<b>OfficeProPlus OLP NL Gov Rental</b>	<b>Standard</b>	<b>€ 71,26</b>
<b>OfficeProPlus SA OLP NL Gov</b>	<b>Software Assurance</b>	<b>€ 201,48</b>
<b>OfficeStd 2013 OLP NL Gov</b>	<b>Standard</b>	<b>€ 254,45</b>
<b>OfficeStd LicSAPk OLP NL Gov</b>	<b>License/Software Assurance Pack</b>	<b>€ 402,07</b>
<b>OfficeStd OLP NL Gov Rental</b>	<b>Standard</b>	<b>€ 54,75</b>
<b>OfficeStd SA OLP NL Gov</b>	<b>Software Assurance</b>	<b>€ 147,62</b>

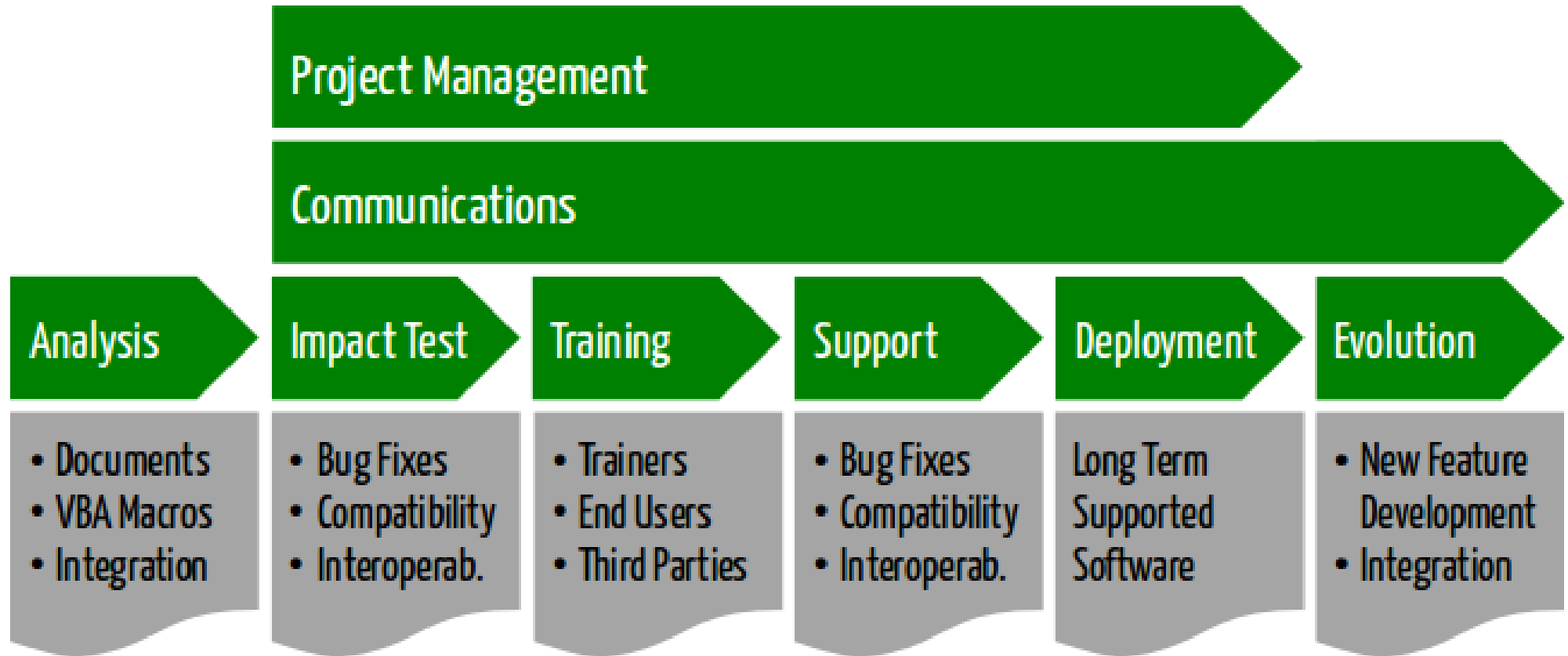


# The adopted strategy

# Fight the resistance to change



# The adopted migration protocol





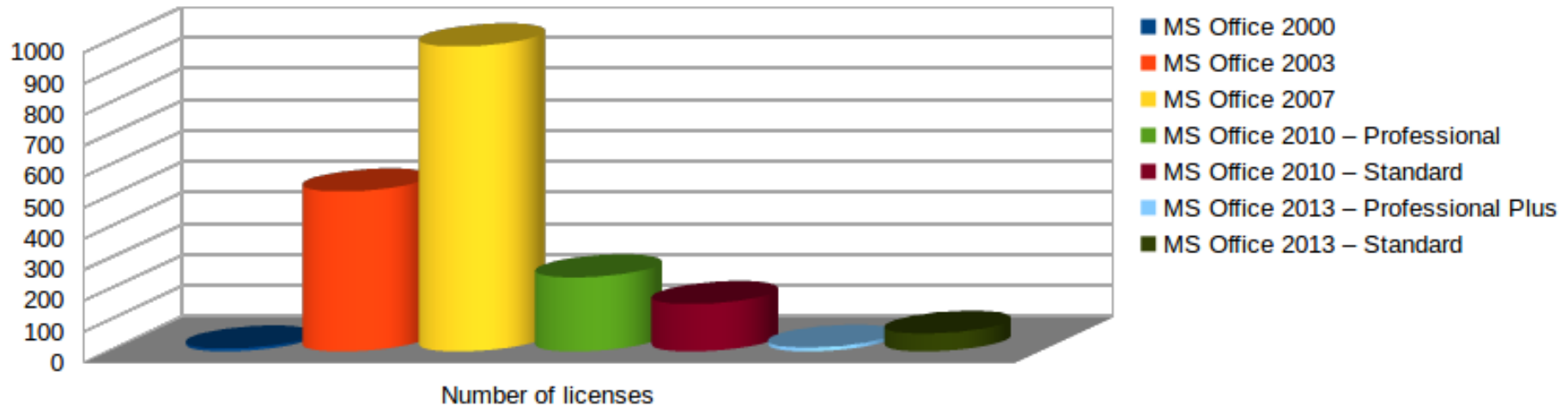
# Municipality of Bari



# A case history – Municipality of Bari



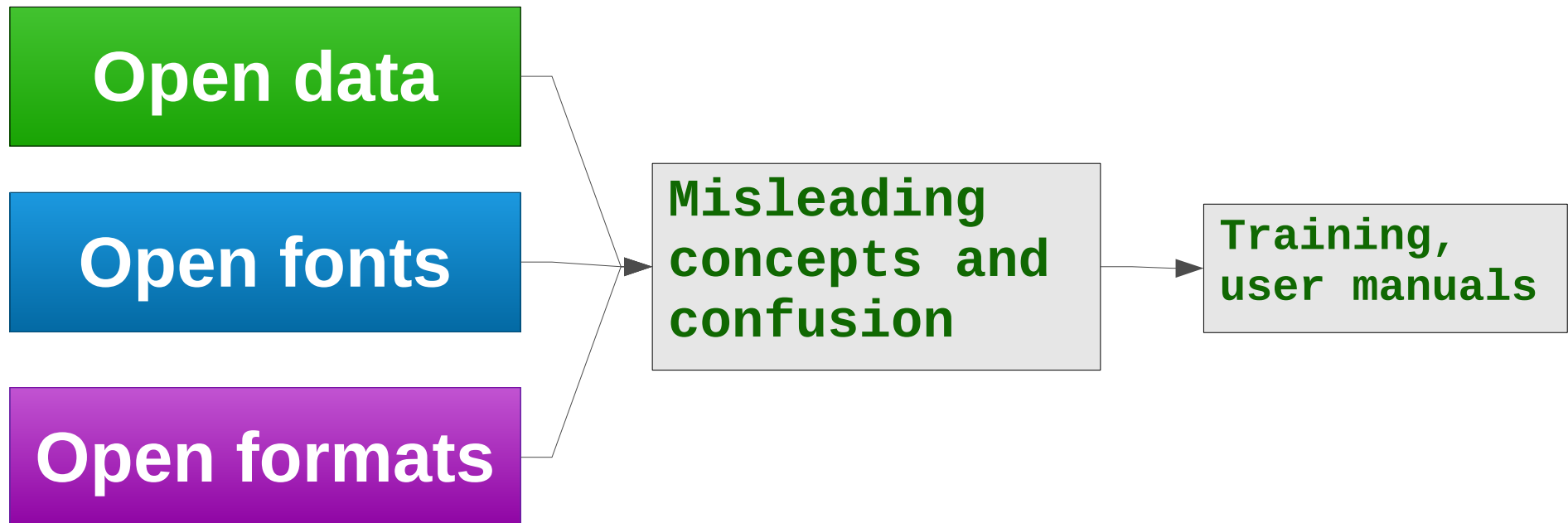
Microsoft Office versions and number





# Issues encountered

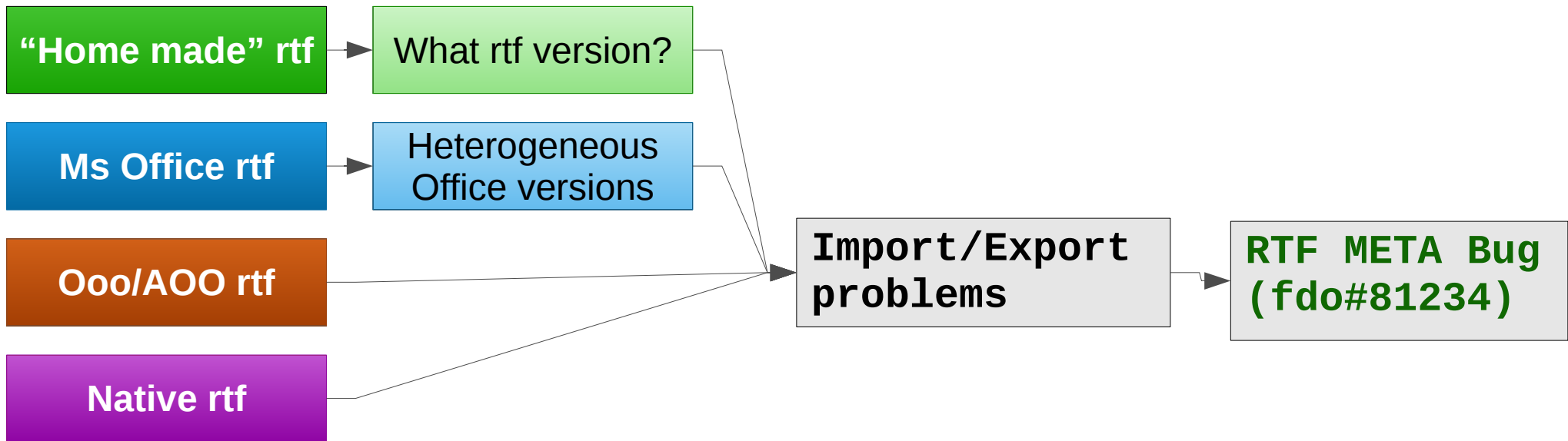
# A case history – Municipality of Bari



# Assessment Phase



Some problems between 3<sup>rd</sup> party softwares and .rtf documents



# RTF META Bug

([https://bugs.freedesktop.org/show\\_bug.cgi?id=81234](https://bugs.freedesktop.org/show_bug.cgi?id=81234))



## Bug 81234 - [META] RTF filter issues ([edit](#))

Save Changes

**Status:** NEW ([edit](#))

**Product:** LibreOffice

**Component:** Libreoffice

**Version:** unspecified

**Platform:** Other All

**Importance:** medium normal

**Assigned To:** Not Assigned ([edit](#)) ([take](#))

**QA Contact:**

Reset QA Contact to default

**URL:**

**Whiteboard:** filter:rtf rtf\_filter

**Keywords:**

**Depends on:** [44984](#) [44986](#) [46842](#) [49893](#) [50229](#) [50821](#) [52386](#) [59454](#) [62293](#) [64876](#) [65642](#) [67440](#) [67568](#) [68201](#) [68715](#) [69782](#) [70986](#) [71658](#) [72578](#) [74233](#) [77042](#) [77711](#) [77861](#) [78357](#) [78370](#) [78491](#) [78492](#) [78495](#) [78497](#) [78506](#) [80708](#) [81942](#) [81943](#) [82006](#) [82033](#) [82034](#) [82066](#) [82067](#) [82069](#) [82071](#) [82073](#) [82076](#) [82077](#) [82078](#) [82079](#) [82104](#) [82107](#) [82113](#) [82114](#) [82669](#) [82697](#) [82698](#) [82703](#) [82734](#) [82809](#) [82817](#) [82858](#) [82859](#) [82860](#) [82895](#) [83204](#) [83372](#) [32613](#) [74229](#) [79959](#) [81384](#) [82070](#) [82072](#) [82074](#) [82101](#) [82105](#) [82106](#) [82111](#) ([edit](#))

**Blocks:**

Show dependency [tree](#) / [graph](#)

**Reported:** 2014-07-11 16:16 CEST by [Marina Latini](#)

**Modified:** 2014-09-01 22:21 CEST ([History](#))

**CC List:** 3 users including you ([edit](#))

**See Also:** ([add](#))



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# BERN-CH 2014 CONFERENCE



Thank you...

marina@libreitalia.it



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