Logius, Centre for Standards
Ministry of the Interior and Kingdom Relations

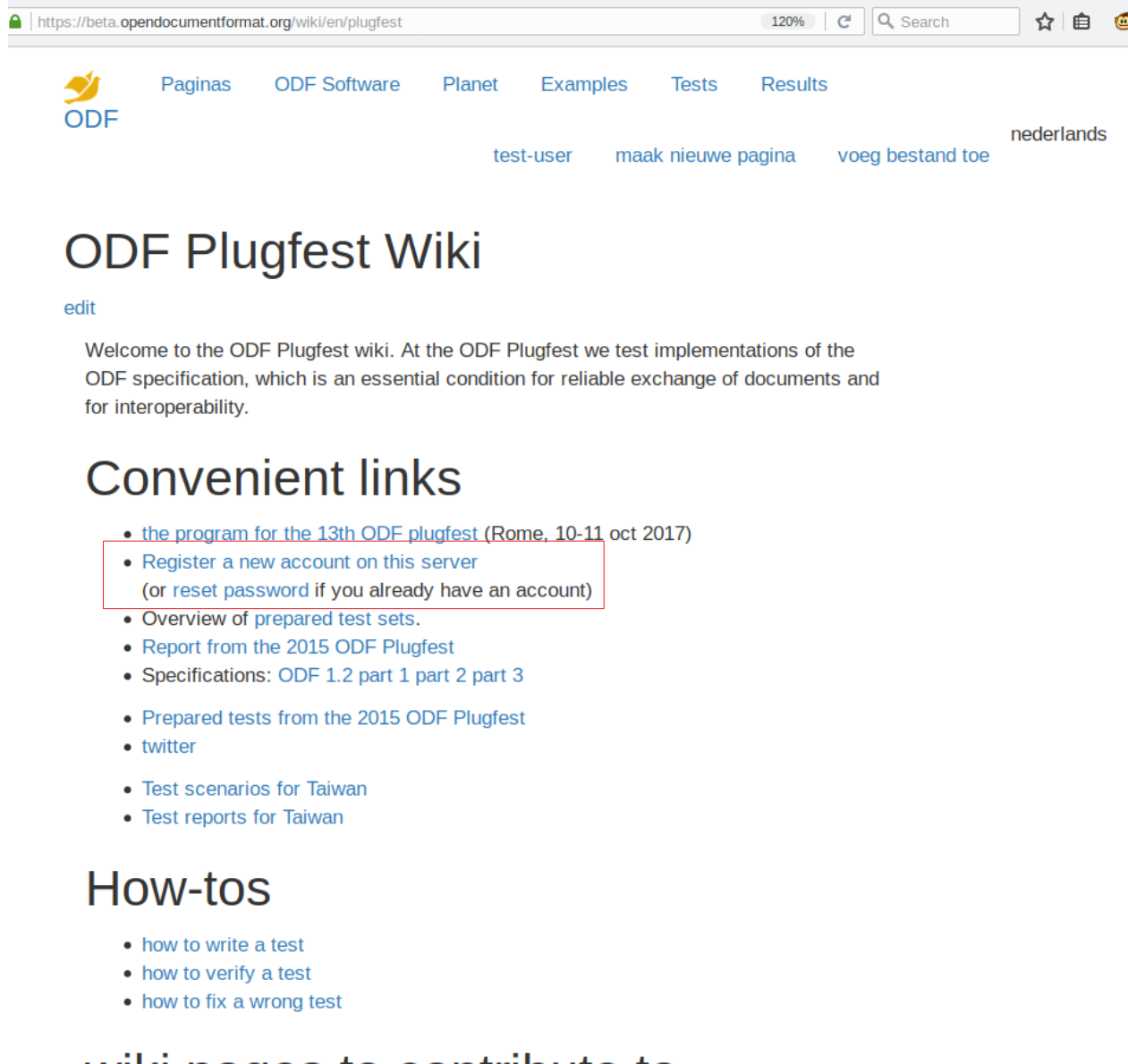# ODF Plugfest and Test Website

https://beta.opendocumentformat.org/

Jos van den Oever

LOGIUS, CENTER FOR STANDARDS

http://beta.opendocument.org

- Create account
- Go to wiki
-

Paginas   ODF Software   Planet   Examples   Tests   Results

ODF

nederlands

test-user   maak nieuwe pagina   voeg bestand toe

ODF Plugfest Wiki

edit

Welcome to the ODF Plugfest wiki. At the ODF Plugfest we test implementations of the ODF specification, which is an essential condition for reliable exchange of documents and for interoperability.

Convenient links

- the program for the 13th ODF plugfest (Rome, 10-11 oct 2017)
- Register a new account on this server
  (or reset password if you already have an account)
- Overview of prepared test sets.
- Report from the 2015 ODF Plugfest
- Specifications: ODF 1.2 part 1 part 2 part 3

- Prepared tests from the 2015 ODF Plugfest
- twitter

- Test scenarios for Taiwan
- Test reports for Taiwan

How-tos

- how to write a test
- how to verify a test
- how to fix a wrong test

LOGIUS, CENTER FOR STANDARDS

Interoperability

<text:h>header

<text:p>header
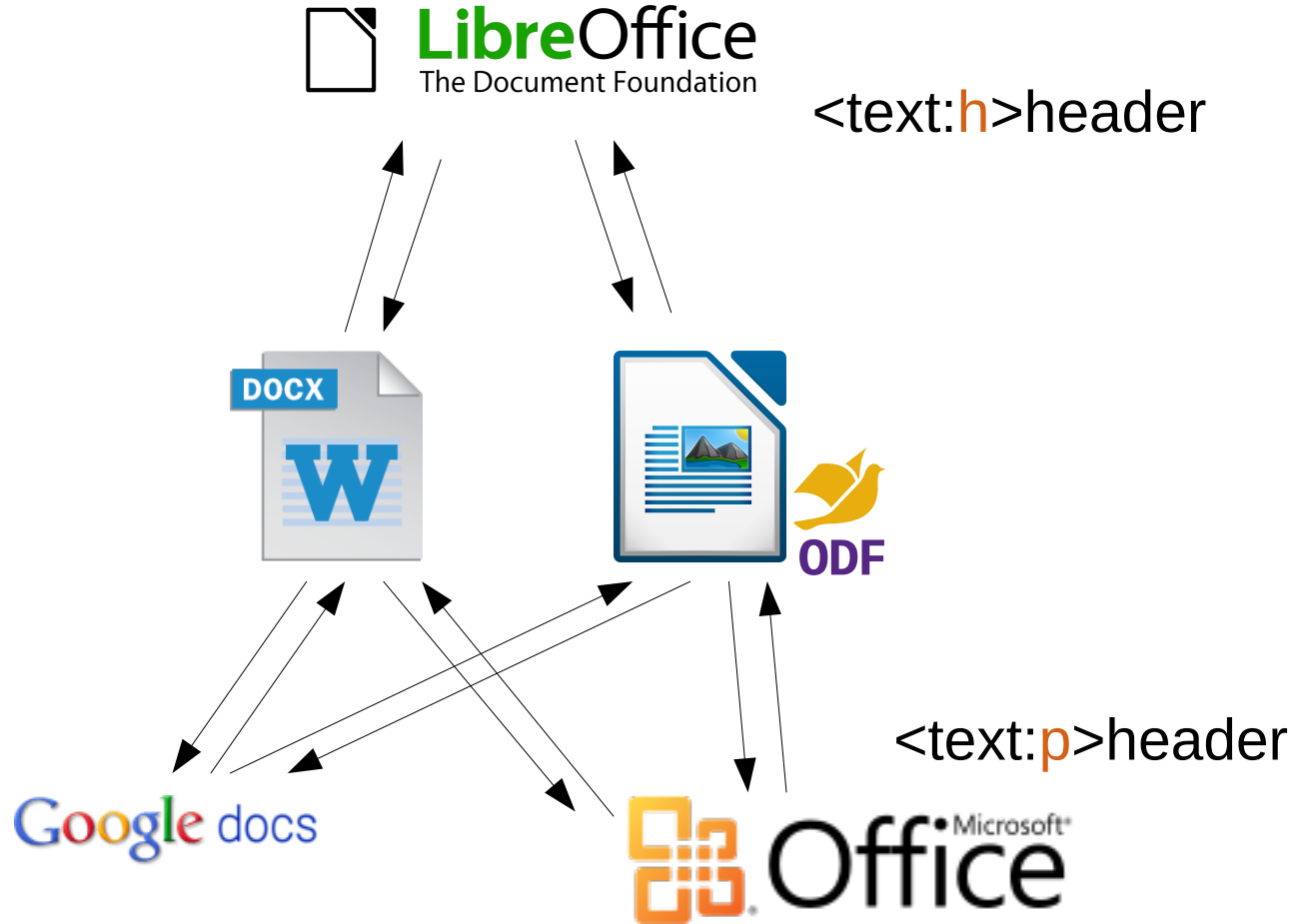
ODF Plugfests

- Users meet users, users meet developers, developers meet developers

ODF

ODF Test server audience and features

- Users
  - want to have interoperability
- Developers
  - want tools to improve interoperability
- Institutions
  - want to know which products is interoperable

- Report interoperability issues
- Discover interoperability issues
- Learn about implementations
- Keep track of issues in implementations

ODF Test site and factories

Calligra

Google Docs

LibreOffice

Validator

ODF Test Server

MS Office
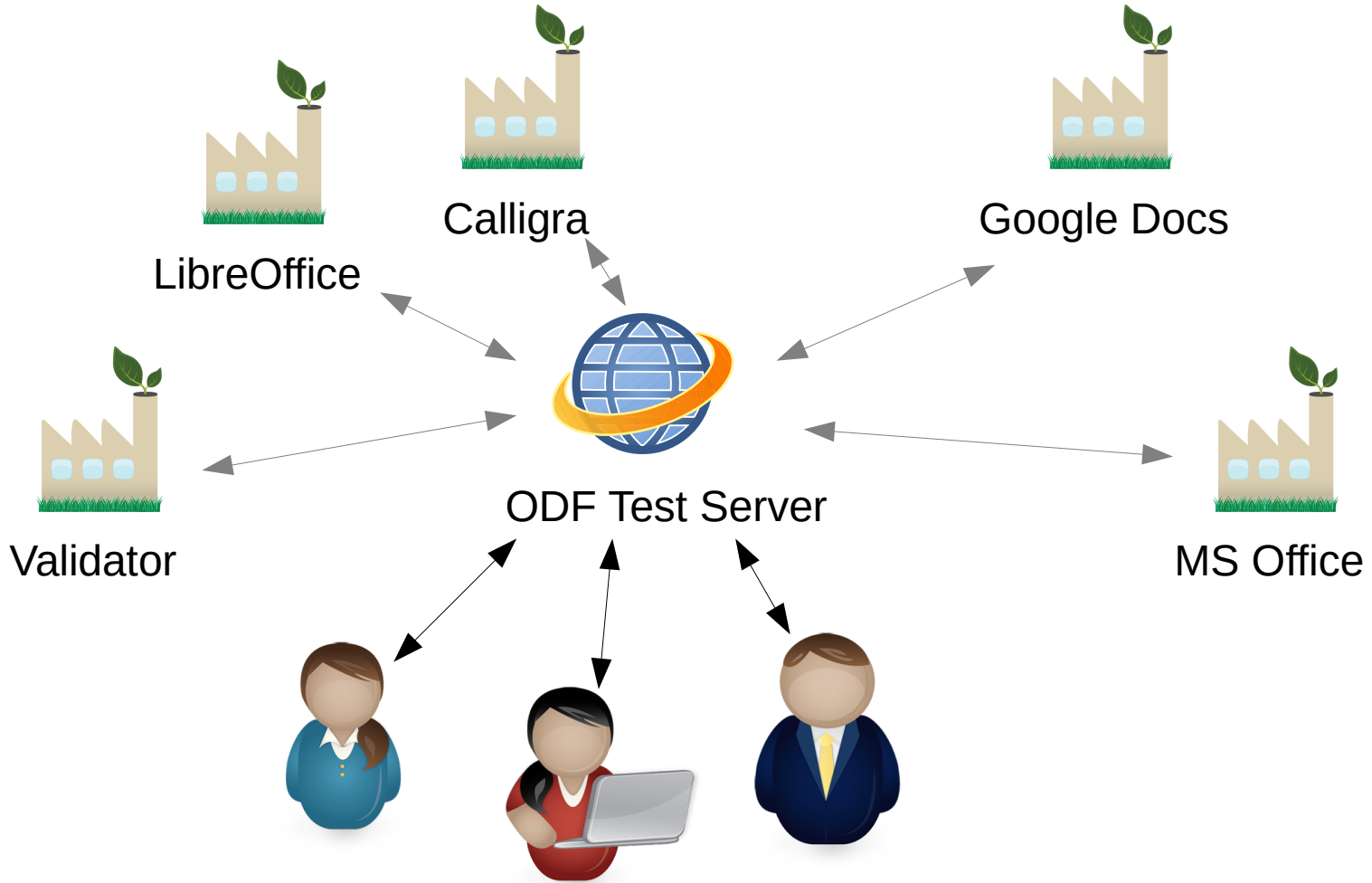
Support and funding

- Logius pays for main developer (Jos van den Oever)

- NLNet pays for servers

- OpenDoc society sponsors ODF Plugfest

- NLNet sponsors projects to improve the test server

  – Documentation, Factories, Tests, UI design

  – XML ODF editor

- Forum Standaardisatie sponsors NLNet ODF projects

Testing: compare rendering

frontcover.odt

Bestandstype	OpenDocument Text 1.2 Extended
Generator	LibreOffice/5.1.4.2$Linux_X86_64 LibreOffice_project/10m0$Build-2

Office Word 2016 (Microsoft Windows Server 2012 R2 Standard 6.3.9600) ▾   Google Docs ( ) ▾

20 Years of KDE

Past, Present and Future

Editor: Lydia Pintscher

Page Number: <text:page-number/>

	input file	Abiword 3.0.1 GNU/Linux 3.16.0-4-amd64	Abiword 3.0.1 GNU/Linux 4.9.36	Docs	Word 2016 Microsoft Windows Server 2012 R2 Standard 6.3.9600	Words 2.9.7 GNU/Linux 3.16.0-4-amd64	Words 2.9.7 GNU/Linux 4.9.36	Words 3.0.1 GNU/Linux 3.16.0-4-amd64	Words 3.0.1 GNU/Linux 4.9.36	Writer 5.2.5.1 GNU/Linux 3.16.0-4-amd64
ODF	OpenDocument Text 1.2	OpenDocument Text 1.1	OpenDocument Text 1.1	OpenDocument Text 1.2 Extended	OpenDocument Text 1.2 Extended	OpenDocument Text 1.2 Extended	OpenDocument Text 1.2 Extended	OpenDocument Text 1.2 Extended	OpenDocument Text 1.2 Extended	OpenDocument Text 1.1
test result		pass	pass	fail	pass	no result	pass	pass	pass	pass
is the test correct?		☐ yes: 0 ☐ no: 0 ☑ undecided	☐ yes: 0 ☐ no: 0 ☑ undecided	☐ yes: 0 ☐ no: 0 ☑ undecided	☐ yes: 0 ☐ no: 0 ☑ undecided		☐ yes: 0 ☐ no: 0 ☑ undecided	☐ yes: 0 ☐ no: 0 ☑ undecided	☐ yes: 0 ☐ no: 0 ☑ undecided	☐ yes: 0 ☐ no: 0 ☑ undecided
validation errors	0	3	3	0	1		4	5	5	0
content.xml										
count(//text:page-number)=1	true	true	true	false	true	-	true	true	true	true
content.xml	content.xml	content.xml	content.xml	content.xml	content.xml	-	content.xml	content.xml	content.xml	content.xml
styles.xml	styles.xml	styles.xml	styles.xml	styles.xml	styles.xml		styles.xml	styles.xml	styles.xml	styles.xml

Google Docs: '1' → data loss!

Everyone else: '<text:page-number text:select-page="current">1</text:page-number>'

The test: count(//text:page-number)=1

Testing: small tests for data loss

Document hierarchy

created by **Michiel Leenaars** on 2016-11-16 16:25:36.423247 UTC

clone test

template text.odt

```
<office:text>
  <text:h text:outline-level="1">Document hierarchy</text:h>
  <text:p>Document hierarchy is very important. It allow people to unde
avigate the document efficiently. A uniform heading structure is often
nts. When encountering a lengthy text document, sighted users often scr
get an idea of its structure and content. Screen reader and other assis
cuments by heading structure.</text:p>
  <text:h text:outline-level="1">Header 1</text:h>
  <text:h text:outline-level="2">Header 2</text:h>
  <text:h text:outline-level="3">Header 3</text:h>
  <text:h text:outline-level="4">Header 4</text:h>
  <text:h text:outline-level="5">Header 5</text:h>
  <text:h text:outline-level="6">Header 6</text:h>
  <text:h text:outline-level="7">Header 7</text:h>
  <text:h text:outline-level="8">Header 8</text:h>
  <text:h text:outline-level="9">Header 9</text:h>
  <text:h text:outline-level="10">Header 10</text:h>
  <text:p>There is regular text too.</text:p>
</office:text>
```

Tested versions: 1.0 1.1 1.2 1.2 Extended

Testing: small tests

Abiword 3.0.1 Ubuntu 16.04	Docs	WebODF 0.5.10 Ubuntu 16.04	Word 2016 Microsoft Windows 7 Professional 6.1.7600	Word 2016 Microsoft Windows Server 2012 R2 Standard 6.3.9600	Words 2.9.11 Ubuntu 16.04
OpenDocument Text 1.1	OpenDocument Text 1.2 Extended	OpenDocument Text 1.2 Extended	OpenDocument Text 1.2 Extended	OpenDocument Text 1.2 Extended	OpenDocument Text 1.2 Extended
fail	fail	pass	fail	fail	pass
☐ yes: 0	☐ yes: 0	☑ yes: 1	☐ yes: 0	☑ yes: 1	☑ yes: 1
☐ no: 0	☐ no: 0	☐ no: 0	☐ no: 0	☐ no: 0	☐ no: 0
☑ undecided	☑ undecided	☐ undecided	☑ undecided	☐ undecided	☐ undecided
5	1	0	1	1	5
false	false	true	false	false	true
false	false	true	false	false	true

13th ODF Plugfest in Rome

Participants

- Implementors: LibreOffice, Microsoft, Ox Docs

- Institutions: representatives for UK, Taiwan, Munich and Dutch governments

- And many users

Some numbers on the ODF plugfest

- 77 uploaded documents

- so 77 x 12^2 comparisons

- 2 new factories (Calligra Karbon, LibreOffice as used in Munich)

- 3 on-line participants

Perfect first test

welcome.odt

Bestandstype	OpenDocument Text 1.2 Extended
Creator	Jos van den Oever
Generator	LibreOffice/5.4.1.2.0$Linux_X86_64
	LibreOffice_project/40m0$Build-2

Office Word 2016 (Microsoft Windows Server 2012 R2 Standard 6.3.9600) ▾

LibreOffice Writer 5.4.1.2

Welcome to the *plugfest*.

Perfect first test

welcome.odt

Bestandstype	OpenDocument Text 1.2 Extended
Creator	Jos van den Oever
Generator	LibreOffice/5.4.1.2.0$Linux_X86_64
	LibreOffice_project/40m0$Build-2

Office Word 2016 (Microsoft Windows Server 2012 R2 Standard 6.3.9600) ▾

Google Docs ( ) ▾

Welcome too the *plugfest*.

Table and text

Minutes_12_July_2017.odt

Bestandstype OpenDocument Text 1.2 Extended
Generator LibreOfficeDev/5.1.0.3$Linux_X86_64 LibreOffice_project/

Office Word 2016 (Microsoft Windows Server 2012 R2 Standard 6.3.9600) ▾   LibreOffice Writer 5.4.1.2 (GNU/Linux 3.16.0-4-amd64) ▾

SECRETARIAT
Paul Croney, GDS

1.	**INTRODUCTION** Edgar Whitley (EW) welcomed members.
2.	**ATTRIBUTE EXCHANGE UPDATE - Julian White (GDS)** Julian White (JW), Identity Assurance Advisor at GDS, gave an introduction and update of the Attribute Exchange. JW gave examples of attributes as name, address and medical conditions. The exchange is transferring information to a different location

Table and text

Minutes_12_July_2017.odt

Bestandstype OpenDocument Text 1.2 Extended
Generator LibreOfficeDev/5.1.0.3$Linux_X86_64 LibreOffice_project/

Office Word 2016 (Microsoft Windows Server 2012 R2 Standard 6.3.9600) ▾   *Google Docs ( )* ▾

r, Amberhawk
zis, UCL
SECRETARI Horizon Digital
Paul Croney, nford, Information
r's Office

Information
1.   **INTRO** r's Office

Edgar n, Big Brother Watch

2.   **ATTRI** Enterprise Privacy Group

Julian University College London
and up

2.   **ATTRIBUTE EXCHANGE UPDATE - Julian Wh**

Julian White (JW), Identity Assurance Advisor at
and update of the Attribute Exchange. JW gave
name, address and medical conditions. The exc
information to a different location

The Blue Badge scheme is one example of the u
the pilot with Warwickshire used data from DWP
proving qualification a lot quicker. There are a n
administered by DWP that can determine wheth
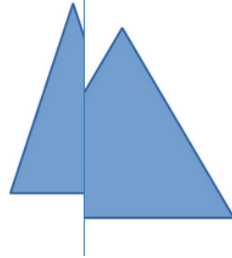eligible for a blue badge. in these cases DWP ar

Triangle width

triangle.odt

Bestandstype	OpenDocument Text 1.2 Extended
Creator	Jos van den Oever
Generator	LibreOffice/5.4.1.2.0$Linux_X86_64
	LibreOffice_project/40m0$Build-2

Office Word 2016 (Microsoft Windows Server 2012 R2 Standard 6.3.9600) ▾

Calligra Words 3.0.1 (GNU/Linux 4.9.36) ▾

Vertical text

vertical-writing-sample.odt

Bestandstype OpenDocument Text 1.2 Extended
Creator 蔡凱如
Generator LibreOffice/5.1.6.2$Windows_x86
LibreOffice_project/07ac168c60a517dba0f0d7bc7540f5afa45f0909

Office Word 2016 (Microsoft Windows Server 2012 R2 Standard 6.3.9600) ▾   Google Docs ( ) ▾

以院所屬各機關中長程計畫作業要點

Reporting

- Taiwan will use the result of the plugfest in decisions on what software to use

- We will send out the findings to the implementors

- We see that there is work to do on ODF interoperability

- We call on all implementors and users of ODF software to join in the effort to improve it

ODF

Improvements to the process

- Wishes
    - Make it still easier
    - More blogging
    - Issue tracker for ODF implementations
    - API for integration into websites
    - Factories for mobile apps
    - Links to the ODF specification
    - Full ODF Coverage

- Achieved
    - UI fixes
    - Tons more documentation in the wiki
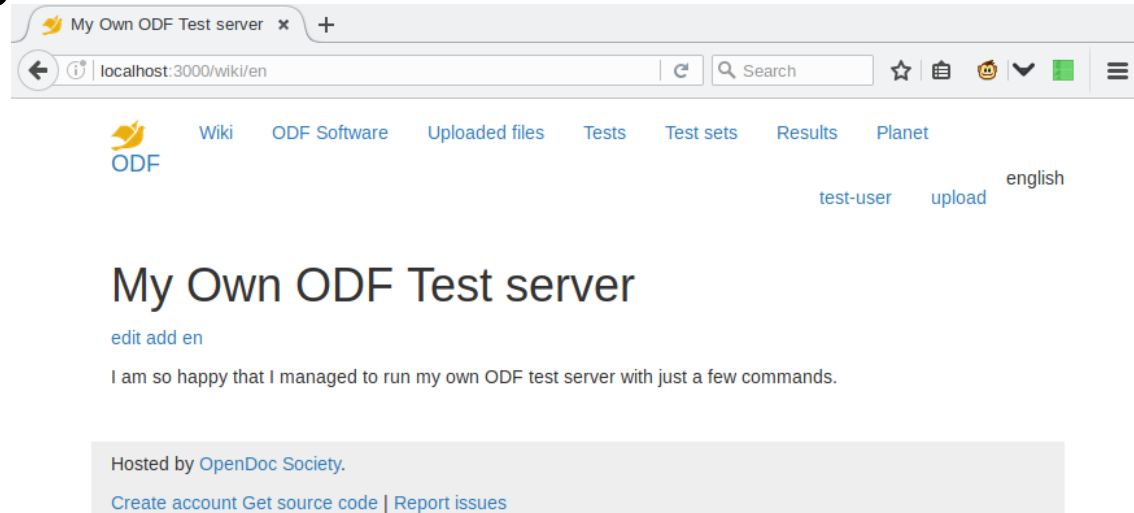   - Lots of issues opened

Your own ODF test site

- Test server and many factories are packaged Docker

- Java application for connecting up other ODF software
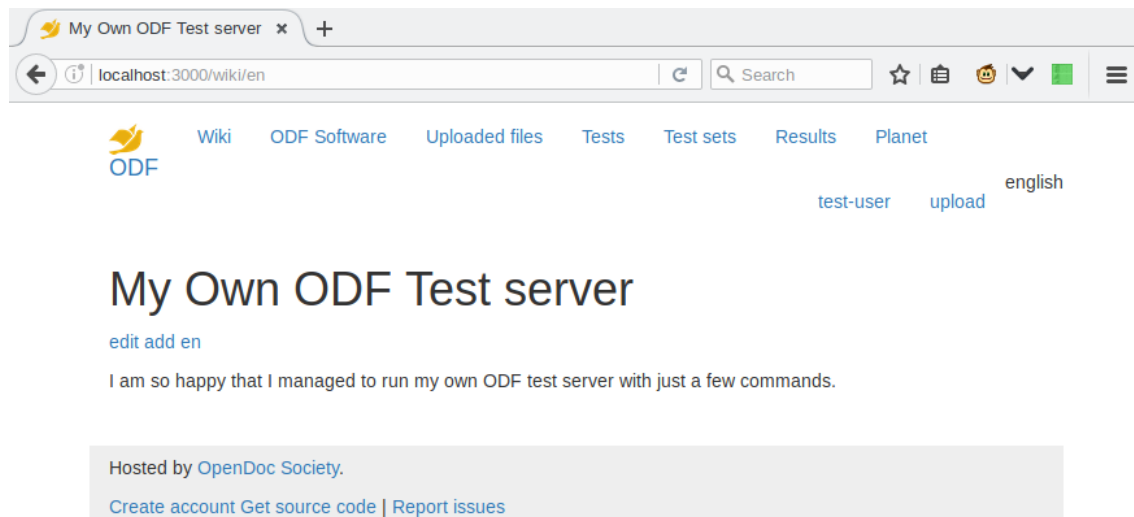
Developing on the test site

- *All dependencies available via Docker*

- Check out the source code

- `docker/devserver/devserver.sh`

- Go to http://localhost:3000

Improving ODF interop is a community effort

- Stakeholders

  - Software providers

  - Users

  - Institutions

  - Regulators

ODF Plugfest and the ODF test website provide opportunities and tooling to improve ODF interoperability

https://beta.opendocumentformat.org/

https://gitlab.com/odfplugfest/odfserver

OPENDOCSOCIETY

Logius
Ministerie van Binnenlandse Zaken en Koninkrijksrelaties

Forum Standaardisatie

nlnet FOUNDATION