Pro Agro - Extending Library

# Introduction

The ISF Pro Agro application can download booklets from the ISF webserver to its local storage and thus allow the user to read more booklets. An internet connection is only needed to retrieve new booklets. Since the booklets are stored on local storage they are available offline once downloaded.

# Structure

A booklet in the 'Virtual Library' consist of:

* PDF of the actual booklet.
* JPG of the cover of the booklet.
* XML file describing the booklet.

The PDF and JPG should be self explanatory. We'll describe how the XML file looks by an example:

<**booklet**>

<**title**>How to make a hand pump</**title**>

<**description**>A booklet with information on How to make a hand pump.</**description**>

<**pdf**>How to make a hand pump - ISF.pdf</**pdf**>

<**cover**>How to make a hand pump - ISF.jpg</**cover**>

<**language**>en</**language**>

</**booklet**>

A booklet.xml file should always start with the <**booklet**> tag and end with the </**booklet**> tag.

<**title**>xxx</**title**>: Put the title of the booklet between the title tags.

<**description**>xxx</**description**>: Put a text describing the booklet between the description tags.

<**pdf**>xxx</**pdf**>: Put the filename of the PDF document between the PDF tags.

<**cover**>xxx</**cover**>: Put the filename of the JPG cover between the JPG tags.

<**language**>xxx</**language**>: Set the language ('**en**' or '**fr**') of the booklet between the language tags.

# Library.xml

Apart from the separate booklet xml files there are 2 (one for the French and one for the English) library.xml files. A library.xml file contains the list of all available booklets (for one particular language). The structure of the library.xml file is as follow:

<**library**>

<**booklet**>Rearing Grasscutters - ISF.xml</**booklet**>

<**booklet**>Maize - Production and Processing - ISF.xml</**booklet**>

....

</**library**>

Just like a booklet xml should always start with <booklet> a library.xml file should always start with <library> and end with </library>. In between these tags there can be any number of <**booklet**>xxx</**booklet**> tags. The 'xxx' should be replaced with the name of the specific booklet xml file.

# Adding a booklet

To add a booklet to the library take the following steps:

1. Prepare the necessary booklet PDF, JPG and XML files.
2. Get the latest library.xml file and add the new booklet to it.
3. First upload the booklets PDF, JPG and XML files.
4. Upload the library.xml to the server.

The files should all be stored on the isf-cameroun server in the folder: /web/library/