

Application for membership

Friends of Musterstadt City Library

Please fill the sheet in on screen. The boxes are form fields: what you type into one takes the place of the appearance that tclpdf drew into it.

1 Member details

Salutation

Name in full

Street and number

Postcode, town

E-mail

2 Membership

Subscription rate	Full, EUR 60	Reduced, EUR 30	Supporting, from EUR 120
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Annual amount	EUR
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Interests	Newsletter by e-mail
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3 SEPA direct debit mandate

Account holder

IBAN

BIC

I authorise the association to collect the annual subscription from my account by direct debit, and instruct my bank to honour the direct debits drawn on it.

4 Remarks

Membership number

Place, date

Signature

What stands in the file

Eighteen fields, of six types, in one /AcroForm, and twenty widget annotations on the sheet - the radio group is ONE field with three widgets under it, which is why qpdf lists "rate" three times and why the register receives one value however many buttons a reader draws. The combo box and the list box carry /Opt arrays of pairs: what is displayed and what is exported are two different strings, and /V holds the displayed one (ISO 32000-2, Table 234).

The two push buttons carry a /ResetForm action, and the second one a /Fields array naming the four fields of the mandate block. Neither carries a value: a push button "shall not use the V and DV entries" (12.7.5.2.2), because it retains nothing.

/NeedAppearances is not in this file - every one of the twenty widgets brought an appearance stream of its own, drawn by the package.

The same form as a record

Beside this file the script writes 09.02-form-application-record.pdf, which is the same form filled in, locked with /Ff 1 throughout and declared PDF/A-3B. It has no reset button, and not by choice: the profile admits no action on a widget annotation at all, so the write is refused as long as the button is on the sheet. The script asks for both, catches the refusal and prints it.

Check it yourself

```
qpdf --check 09.02-form-application.pdf
qpdf --json --json-key=acroform 09.02-form-application.pdf
verapdf -f 3b 09.02-form-application-record.pdf
java -cp tools/Mustang-CLI-2.25.0.jar tools/formcheck.java 09.02-form-application.pdf
```