XFINIUM.PDF.View - PdfDocumentView

PDF viewer control adding PDF interactive features to Windows Forms and WPF applications
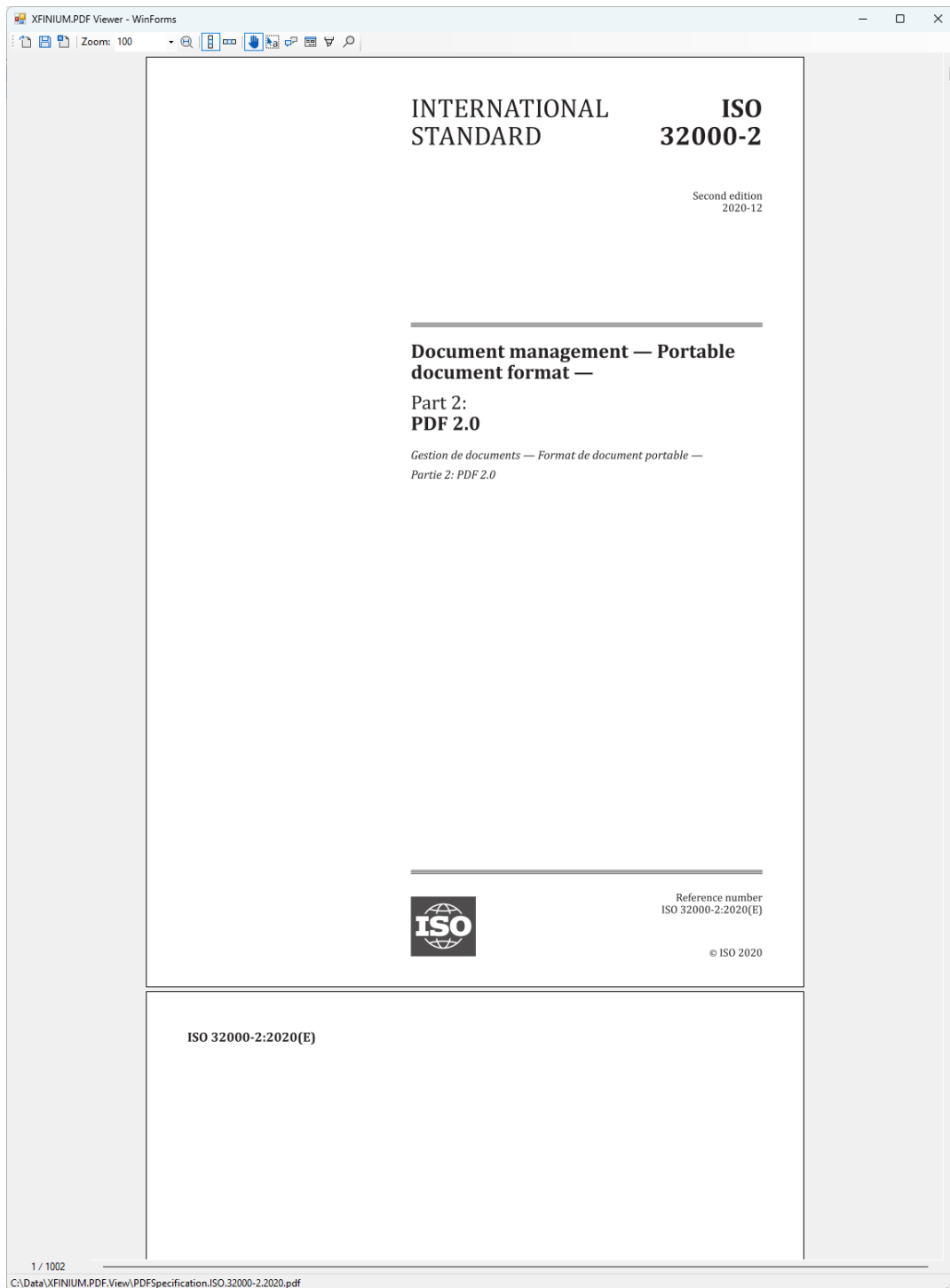
Main features:

- [Display PDF files in Windows Forms and WPF applications](#)
- [Document zoom](#)
- [Flexible page layouts](#)
- [Pages management](#)
- [Content selection](#)
- [Text search](#)
- [Text highlight](#)
- [Annotations](#)
- [Form fields](#)

XFINIUM Software (https://xfiniumpdf.com)
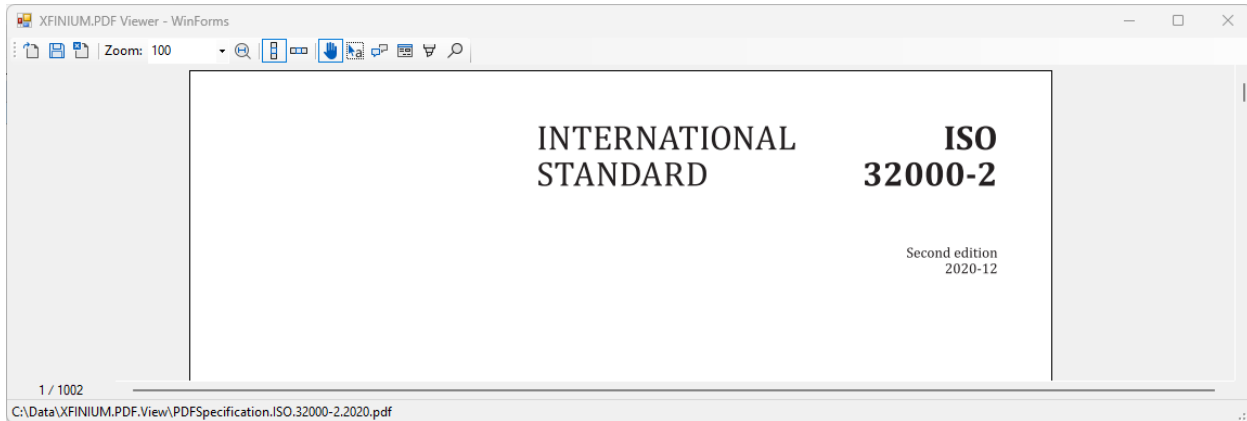
Display PDF files in Windows Forms and WPF applications

```
pdfDocumentView.Document = new PdfVisualDocument();
pdfDocumentView.Document.Load(new PdfFixedDocument("sample.pdf"));
```
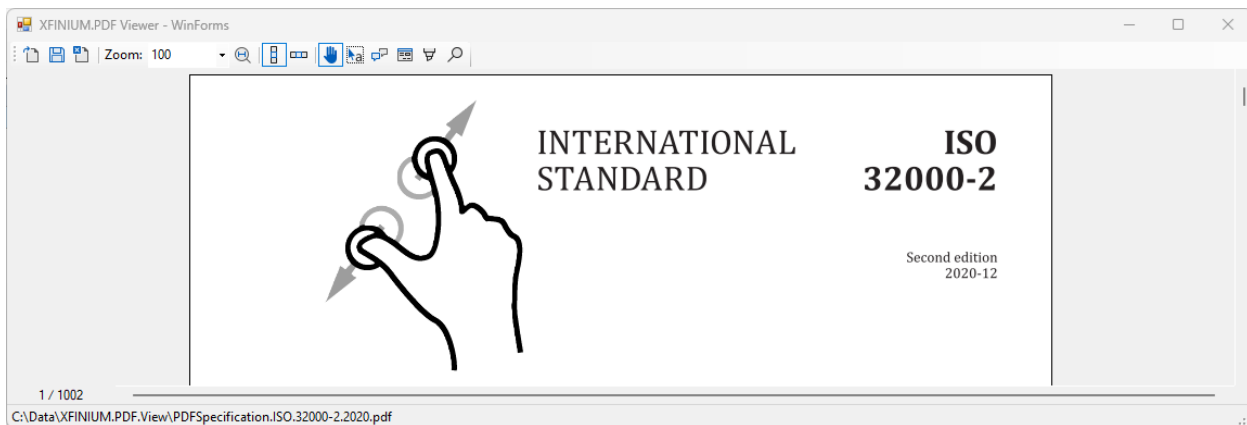
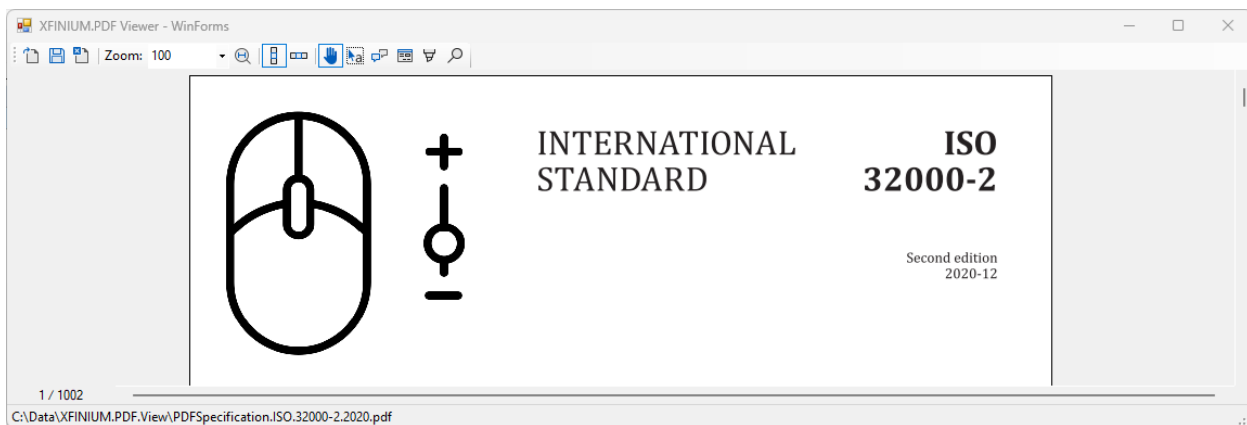XFINIUM.PDF Viewer - WinForms

Zoom: 100

INTERNATIONAL
STANDARD

**ISO
32000-2**

Second edition
2020-12

**Document management — Portable
document format —**

Part 2:
PDF 2.0

Gestion de documents — Format de document portable —
Partie 2: PDF 2.0

Reference number
ISO 32000-2:2020(E)

© ISO 2020

ISO 32000-2:2020(E)

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C:\Data\XFINIUM.PDF.View\PDFSpecification.ISO.32000-2.2020.pdf

Document zoom

- Fixed value zoom
  ```
  pdfDocumentView.Zoom = 100;
  ```
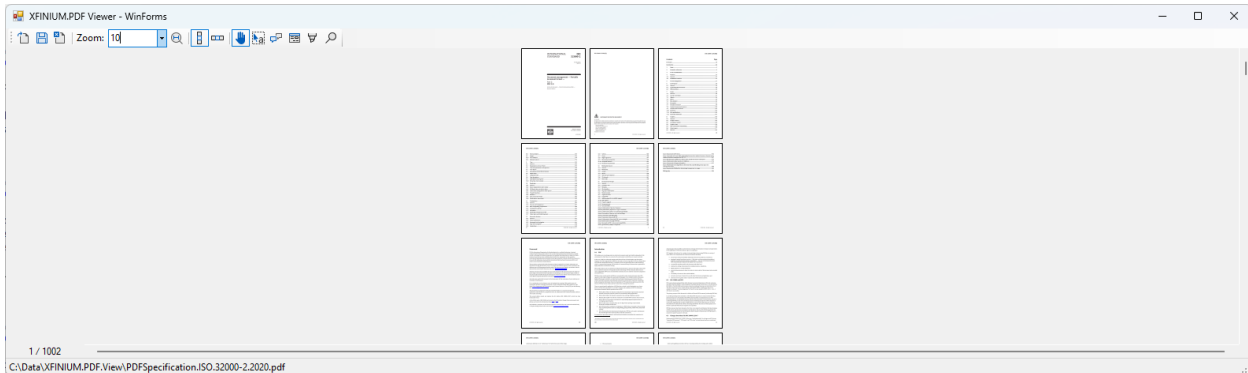

- Pinch-to-Zoom

- CTRL + Mouse wheel zoom
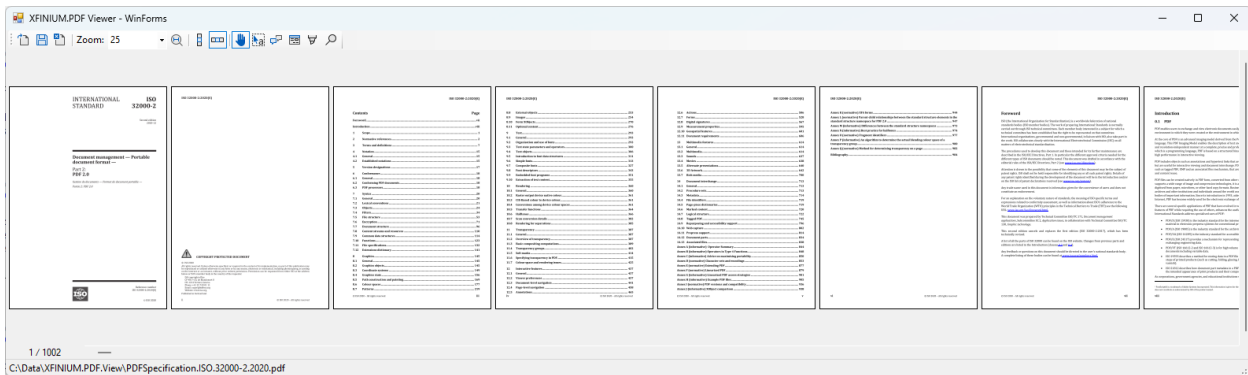
Flexible page layouts

- Column based

```
pdfDocumentView.PageDisplayLayout = new PdfColumnBasedPageDisplayLayout(3);
```
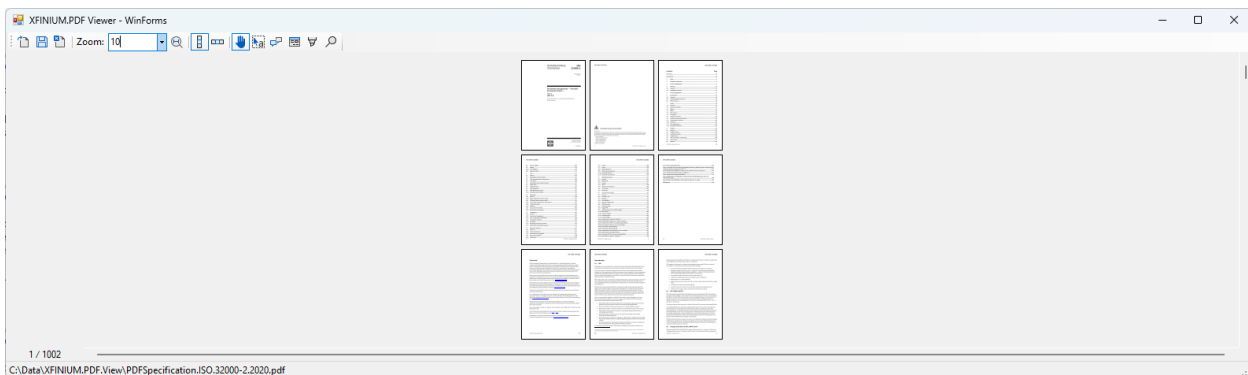

- Row based

```
pdfDocumentView.PageDisplayLayout = new PdfRowBasedPageDisplayLayout(1);
```


- Fixed grid

```
pdfDocumentView.PageDisplayLayout = new PdfFixedGridPageDisplayLayout(3, 3);
```

Pages management

- Add new pages
```
PdfPage page = new PdfPage();
PdfVisualPage visualPage = new PdfVisualPage(page);
pdfDocumentView.Document.Pages.Add(visualPage);
```
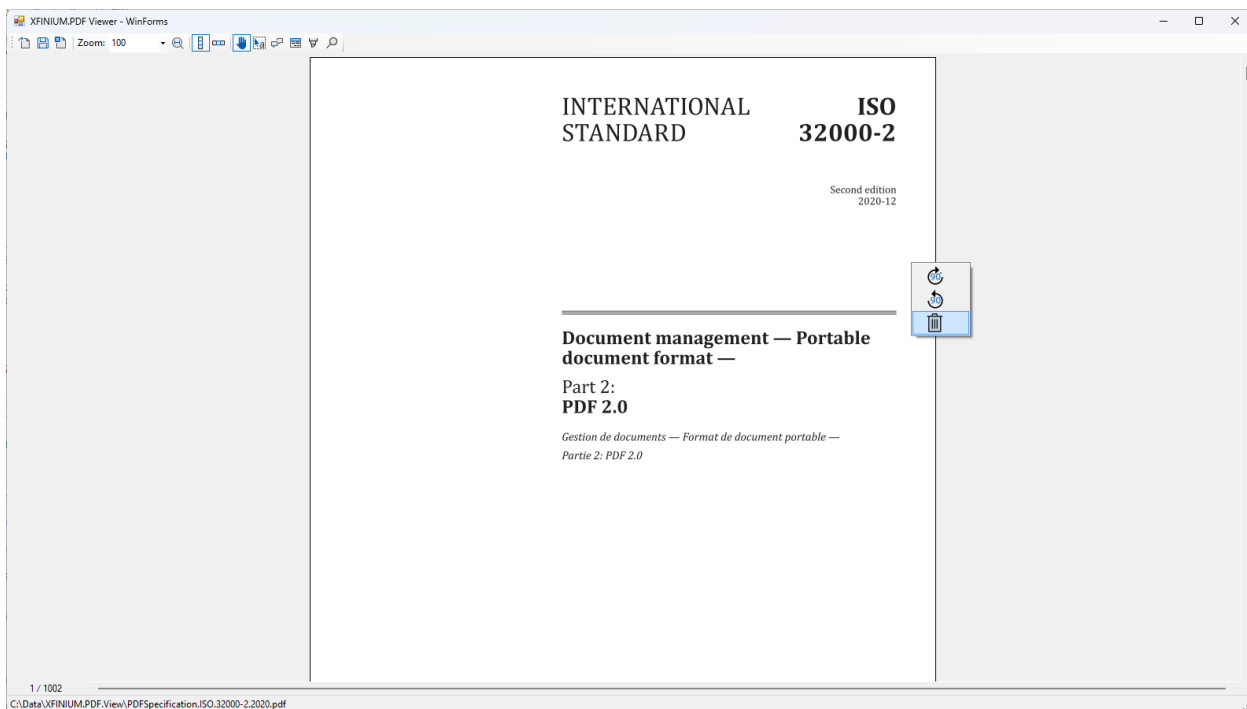
- Rotate pages
```
pdfDocumentView.Document.Pages[index].Rotation = 90;
```

- Delete pages
```
pdfDocumentView.Document.Pages.RemoveAt(index);
```
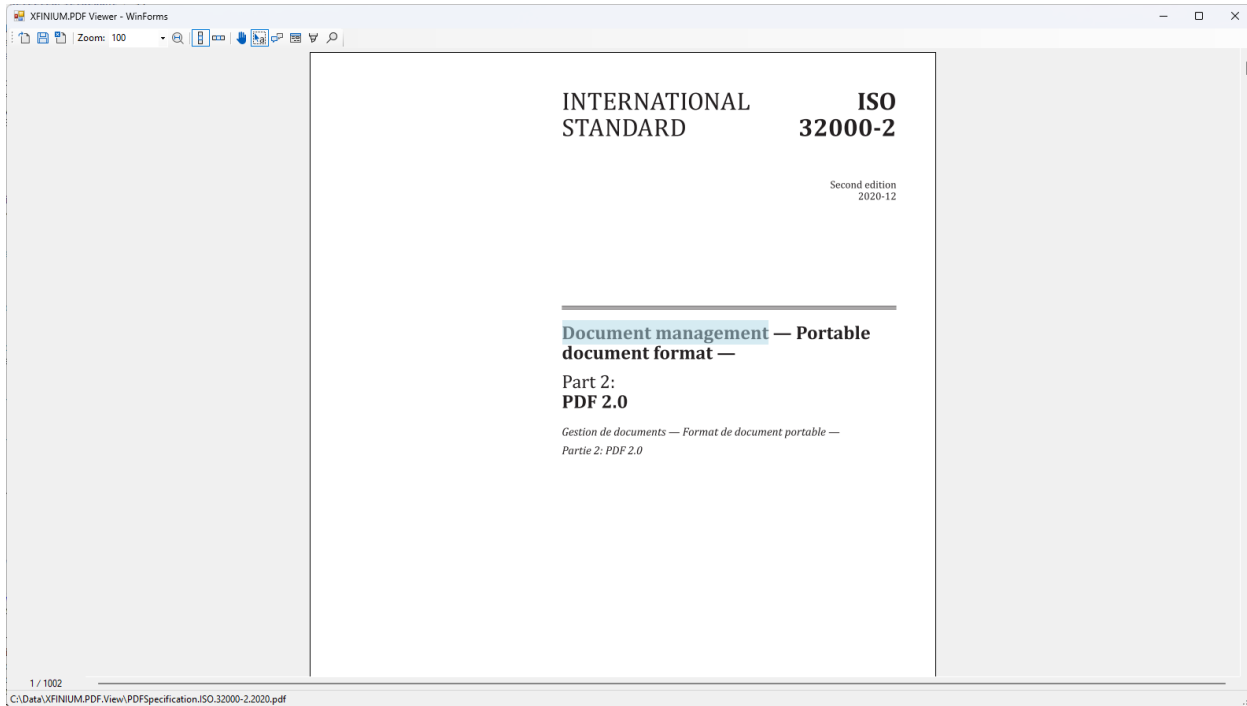
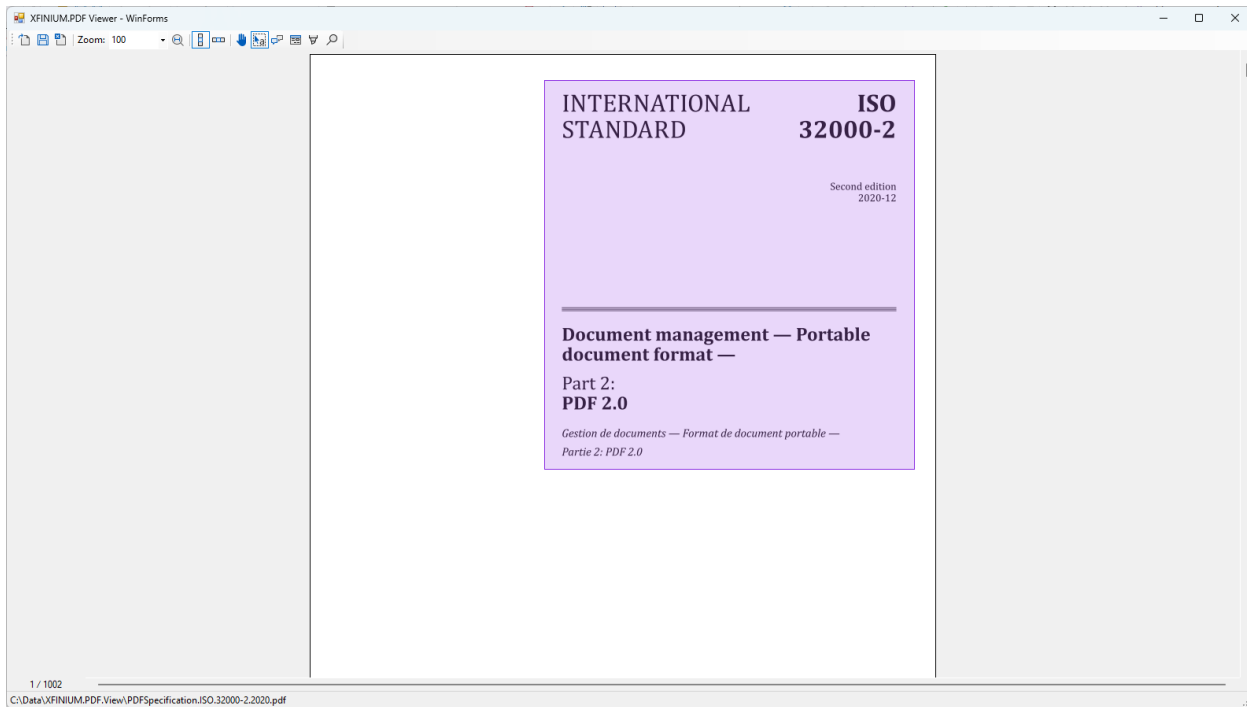- Use the page default context menu to rotate or delete pages

Content selection

```
pdfDocumentView.UserInteractionMode = PdfUserInteractionMode.SelectContent;
```

- Select text

- Select rectangular area on the page

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Text search

- Search current page / visible pages / all pages in a document

```
PdfVisualContentLocator vcl = new PdfVisualContentLocator(pdfDocumentView);
vcl.SearchText("Document",
               PdfVisualSearchRange.AllPages,
               PdfVisualTextSearchOptions.CaseInsensitiveSearch,
               true);
```

- Highlight all search results or highlight search results one by one

```
vcl.HighlightNextTextSearchResult();
```

- Search options:

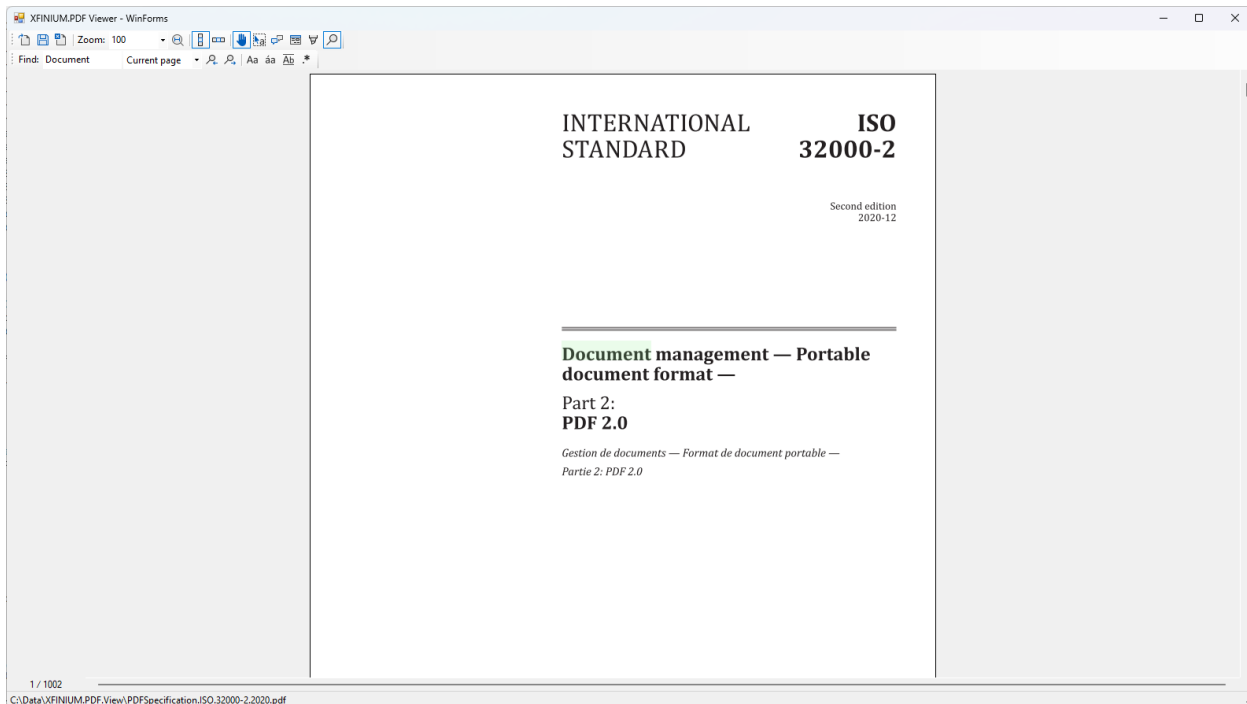|	
Aa	Match case PdfVisualTextSearchOptions.CaseSensitiveSearch
áa	Match accent PdfVisualTextSearchOptions.AccentSensitiveSearch
A̲b̲	Match whole word PdfVisualTextSearchOptions.WholeWordSearch
*	Regular expression PdfVisualTextSearchOptions.RegExSearch

Text highlight

- Highlight

  ```
  pdfDocumentView.UserInteractionMode = PdfUserInteractionMode.HighlightText;
  ```
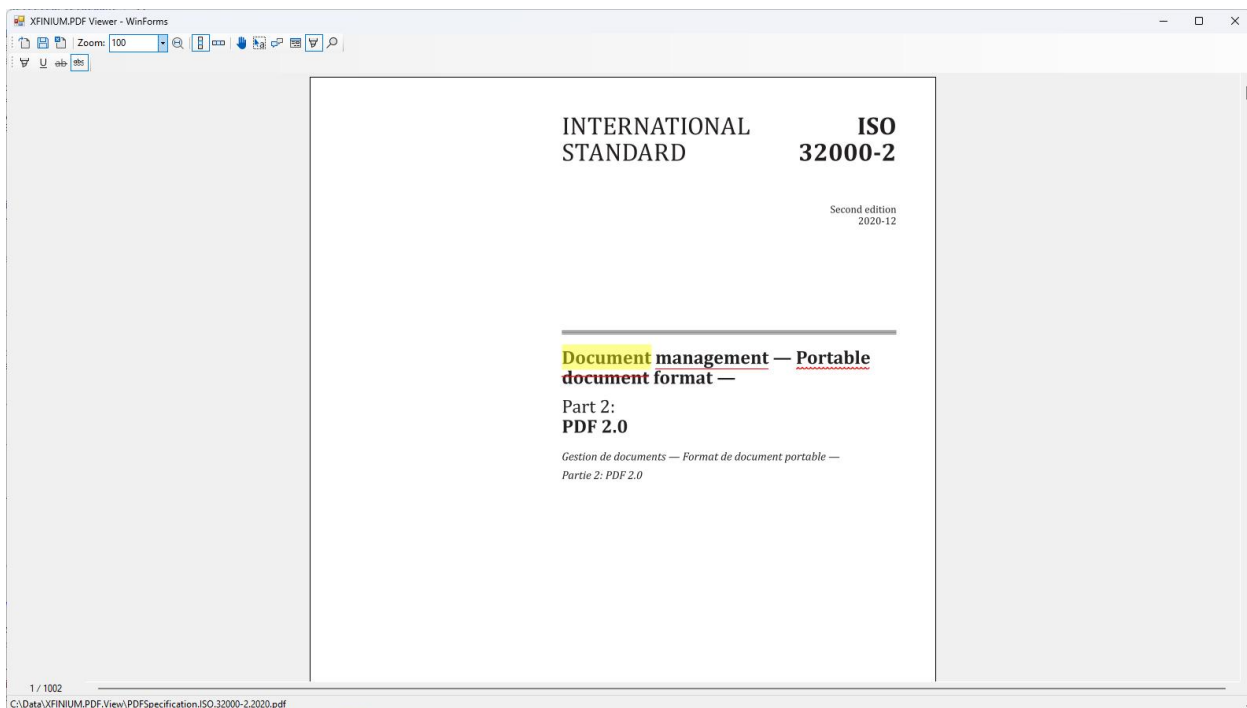
- Underline

  ```
  pdfDocumentView.UserInteractionMode = PdfUserInteractionMode.FlatUnderlineText;
  ```

- Strikeout

  ```
  pdfDocumentView.UserInteractionMode = PdfUserInteractionMode.StrikeoutText;
  ```

- Squiggly

  ```
  pdfDocumentView.UserInteractionMode = PdfUserInteractionMode.SquigglyUnderlineText;
  ```

Annotations

- Add new annotations

Text
```
pdfDocumentView.UserInteractionMode =
        PDFUserInteractionMode.AddTextAnnotation;
```

Rubber stamp
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddRubberStampAnnotation;
```

Circle
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddCirlceAnnotation;
```

Square
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddSquareAnnotation;
```

Cloud square
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddCloudSquareAnnotation;
```

Line
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddLineAnnotation;
```

Polyline
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddPolylineAnnotation;
```

Polygon
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddPolygonAnnotation;
```

Cloud polygon
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddCloudPolygonAnnotation;
```

Ink
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddInkAnnotation;
```

Link
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddLinkAnnotation;
```
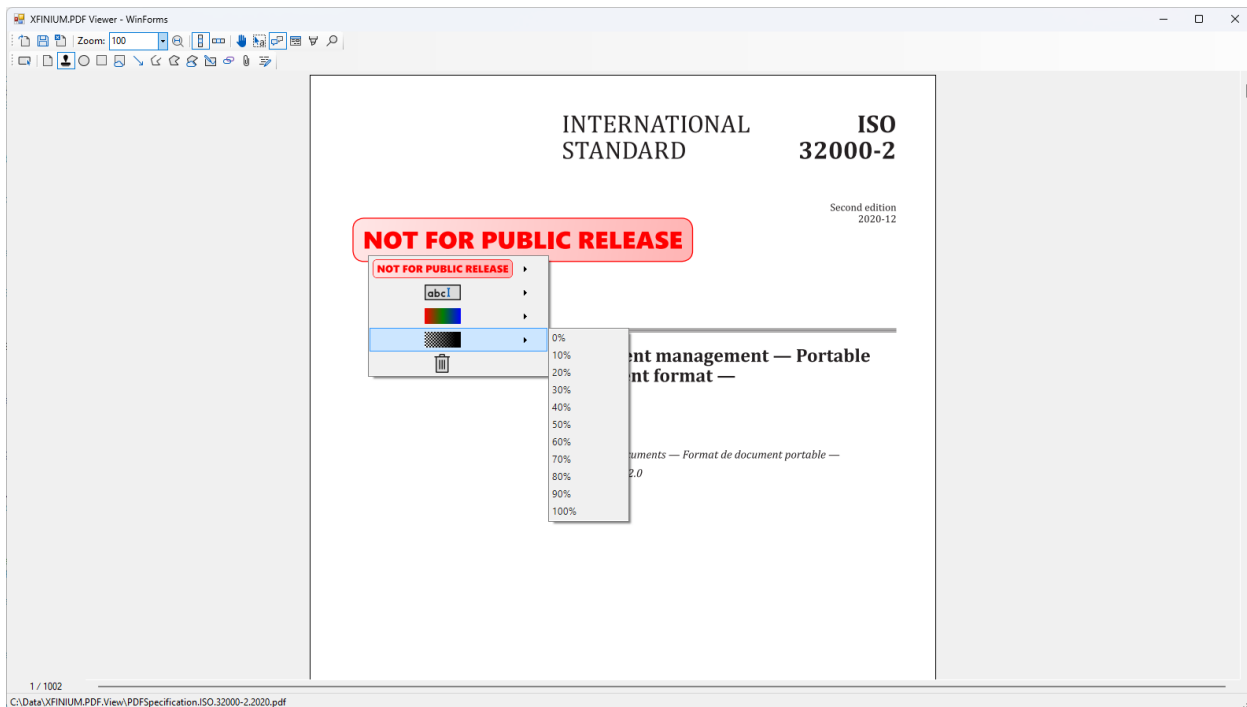
File attachment
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddFileAttachmentAnnotation;
```

Free text
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddFreeTextAnnotation;
```
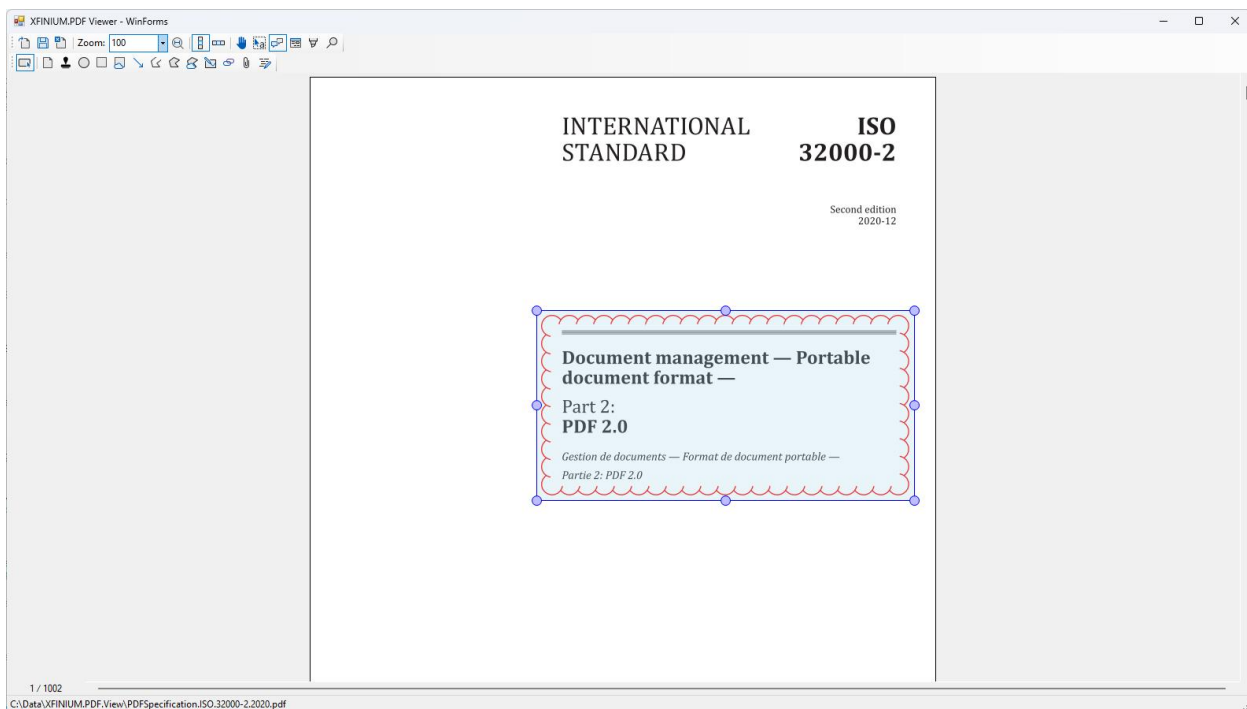
- Edit and remove annotations (default annotation context menu)

- Move and resize annotations

```
pdfDocumentView.UserInteractionMode = PdfUserInteractionMode.EditAnnotations;
```

- Select one or more annotations (CTRL + mouse or draw a selection rectangle) for group manipulation

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Form fields

- Fill PDF forms

- Add new form fields

Textbox
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddTextBoxField;
```

Checkbox
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddCheckBoxField;
```

RadioButton
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddRadioButtonField;
```

ComboBox
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddComboBoxField;
```

ListBox
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddListBoxField;
```

PushButton
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddPushButtonField;
```
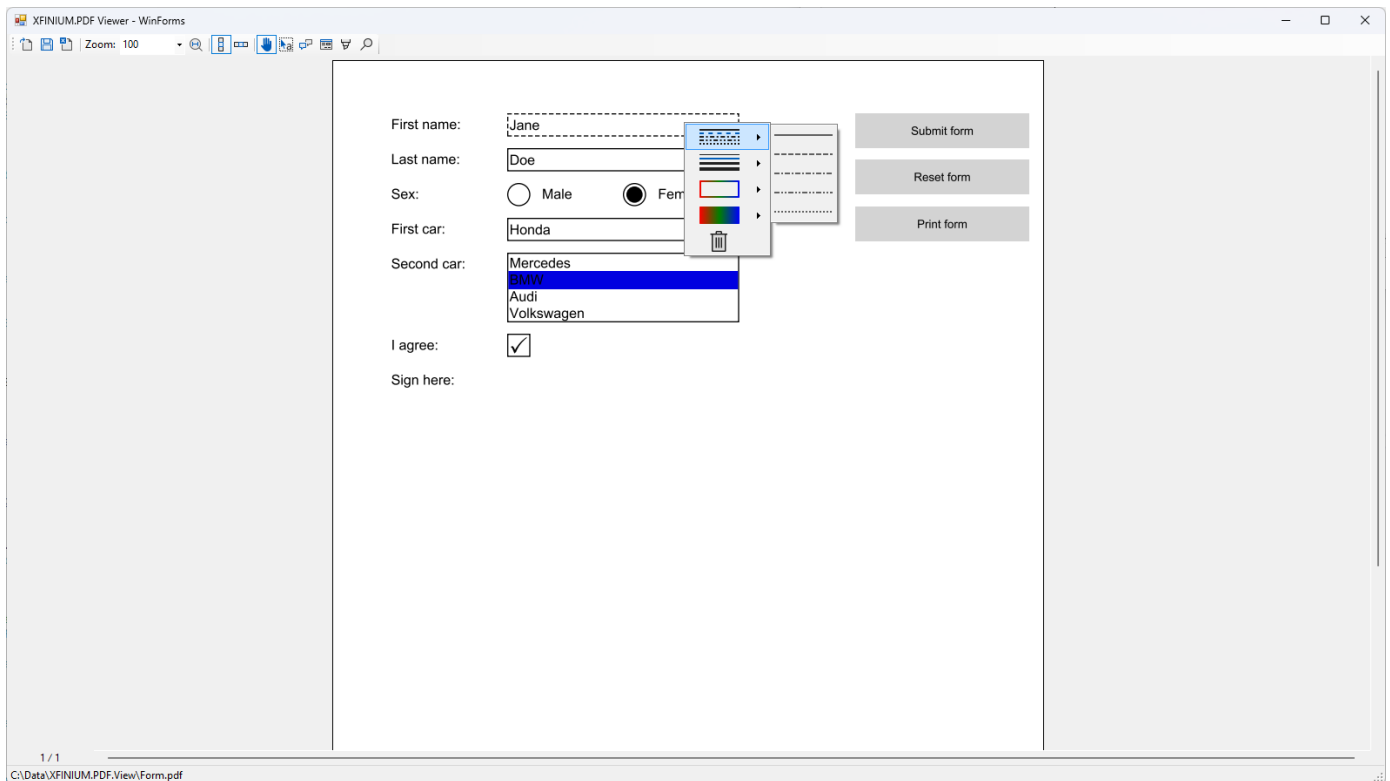
Signature
```
pdfDocumentView.UserInteractionMode =
        PdfUserInteractionMode.AddSignatureField;
```

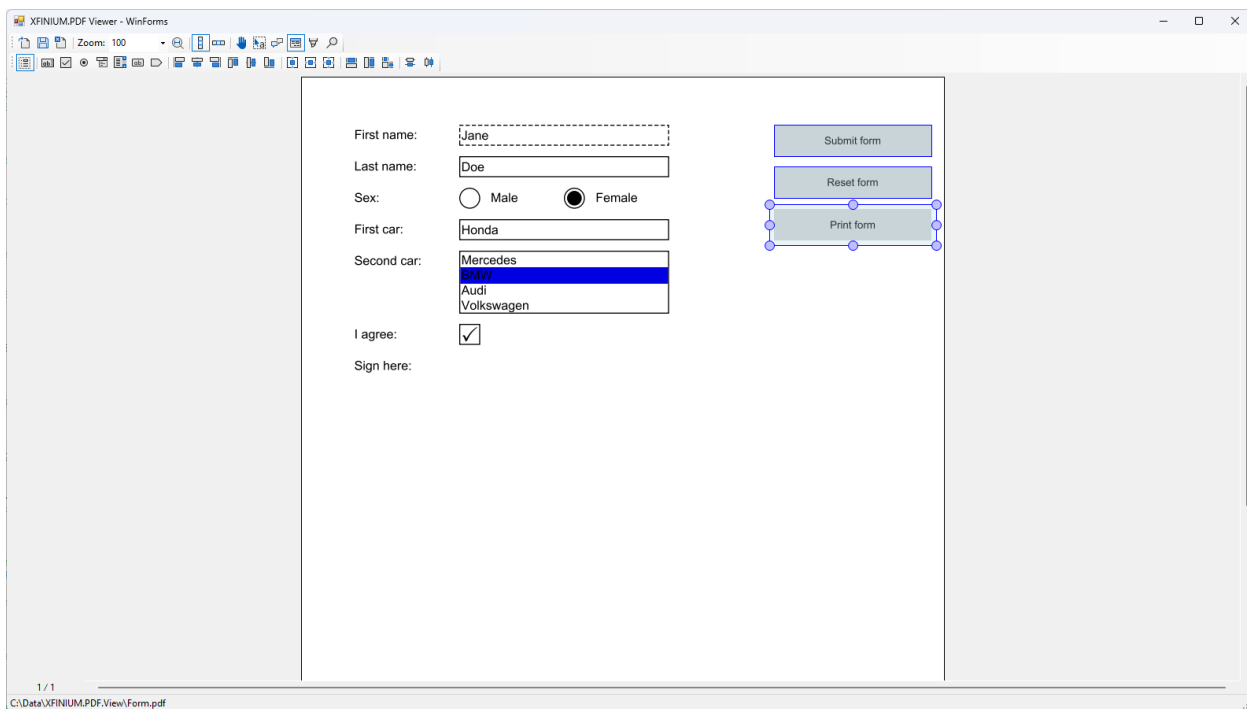**XFINIUM Software (**https://xfiniumpdf.com**)**

- Edit and remove form fields (default field context menu)

- Extended form design operations
```
pdfDocumentView.UserInteractionMode = PdfUserInteractionMode.EditFormFields;
PdfVisualFormDesigner formDesigner = pdfDocumentView.FormDesigner;
```


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- Form designer capabilities

Align left
```
formDesigner.AlignLeft();
```

Align center
```
formDesigner.AlignCenter();
```

Align right
```
formDesigner.AlignRight();
```

Align top
```
formDesigner.AlignTop();
```

Align middle
```
formDesigner.AlignMiddle();
```

Align bottom
```
formDesigner.AlignBottom();
```

Center horizontally
```
formDesigner.CenterHorizontally();
```

Center vertically
```
formDesigner.CenterVertically();
```

Center both
```
formDesigner.CenterBoth();
```

Make same width
```
formDesigner.MatchWidth();
```

Make same height
```
formDesigner.MatchHeight();
```

Make same size
```
formDesigner.MatchWidthAndHeight();
```

Distribute horizontally
```
formDesigner.SpaceEquallyOnHorizontal();
```

Distribute vertically
```
formDesigner.SpaceEquallyOnVertical();
```

Attributions:

Pinch-to-Zoom illustration: By Chad Person - GestureWorks, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=9386075

Mouse wheel zoom illustration: Scroll icons created by Khoirul Huda - Flaticon