The ijsra-class, Version 0.1 – 2016/07/27

LUKAS C. BOSSERT*

lukas@digitales-altertum.de

Humboldt-Universität zu Berlin | Excellence-Cluster Topoi

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This is a documentation of the class ijsra which is used for the International Journal of Student Research in Archaeology. Read this documentation carefully. When you start editing do it according to the structure shown in listing 1.9.

Every article starts with a lettrine as the first letter. This bigger letter functions as an eye catcher to make clear where the article starts. It effects the whole word: The first letter reaches down to the third line, the other letters of the word are capitalised. In listing 1.3 you see the code how this is achieved.

starting

```
1 \lettrine[nindent=0em,lines=3]{E}{very} article ...
```
Example 1.1: *Starting letter*

If you have a letter which is rather slanted you can define the slope. Let's have a look at the letter ›A‹.

```
1 \lettrine[slope=4pt,findent=-3pt,lines=3]{A}{rchaeologists}   ...
```
Example 1.2: *Starting letter ›A‹*

And it changes of course if we start the article with a ›W‹.

```
1 \lettrine[slope=-4pt,nindent=-4pt,lines=3]{W}{hen} ...
```
Example 1.3: *Starting letter ›W‹*

Each article contains several information about the author, title, etc. This is done with some definitions. You have to fill in the information in the curly brackets.

```
1 \def\IJSRAidentifier{\currfilebase} %<---- 'dont change this!
2 \def\shorttitle{} %<---- this is for the short title
3 \def\maintitle{} %<---- full title
4 \def\shortauthor{} %<---- full name of the author
5 \def\authormail{} %<--- email address name@email.com
6 \def\affiliation{} %<--- university or institution
```

---

* The coding of this documentclass is done at https://github.com/LukasCBossert/documentclass-ijsra

```
7  \def\thanknote{} %<--- further information regarding the author
8  \def\keywords{} %<---- keywords describing the article
9  %\def\keywordname{} %<---- name of keywords in an other language
```

Example 1.4: *Information about the article*

After the definitions there is the block regarding the bibliographical entries. Those are written in the section

```
1   \begin{filecontents}{\IJSRAidentifier.bib} %<--- 'dont change this
2
3   @Incollection{Orengo2015,
4     author       = {Orengo, H.},
5     title        = {Open Source GIS and Geospatial Software in
         Archaeology},
6     subtitle     = {Towards Their Integration into Everyday
         Archaeological Practice},
7     pages        = {64--82},
8     editor       = {Wilson, A. T. and Edwards, B.},
9     booktitle    = {Open Source Archaeology},
10    booksubtitle = {Ethics and Practice},
11    publisher    = {deGruyter Open},
12    location     = {Warsaw},
13    year         = {2015},
14  }
15
16  @Article{Pikirayi2015,
17    author       = {Pikirayi, I.},
18    title        = {The Future of Archaeology in Africa},
19    journaltitle = {Antiquity},
20    volume       = {89},
21    pages        = {531--541},
22    year         = {2015},
23    issue        = {345},
24  }
25
26  @Article{Bossert-ijsra,
27    author       = {Lukas C. Bossert},
28    title        = {›ijsra -- bib\LaTeX-style which is used for the \emph{
         International Journal of Student Research in Archaeology}},
29    subtitle     = {Version: 0.1},
30    url          = {http://www.ctan.org/pkg/biblatex-ijsra},
31    keywords     = {latex},
32    note         = {https://github.com/LukasCBossert/biblatex-ijsra},
33    owner        = {Lukas C. Bossert},
34    timestamp    = {2016-07-04},
35  }
36  .
37  .
38  .
39
40  \end{filecontents}
```

Example 1.5: *Bibliographical information*

After that we have completed the preamble and get to main part of the document. Here we define the layout of the headline.

```
1  \IJSRAopening %<---- 'dont change or forget this
2    {\Large\scshape
3    \shortauthor}%
4    \footnote\thanknote%
5    \\[1em]
6    \email\\
7    \affiliation
8  \IJSRAmid %<---- 'dont change or forget this
```

Example 1.6: *Headline layout*

If there is no `thanknote` you only have to comment line no. 4 and there will be no footnote.

After that we come to the abstract. The abstract is set in the enviroment `IJSRAabstract`:

```
1  \begin{IJSRAabstract}
2  Abstract
3  \end{IJSRAabstract}
```

Example 1.7: *IJSRAabstract*

Then you can copy/paste the text of the article and make further editing. At the very end you have to insert

```
1  \IJSRAclosing
```

Example 1.8: *IJSRAclosing*

Following there is a minimal template how the plain document should look like when you begin to edit.

```
\documentclass{ijsra}
\def\IJSRAidentifier{\currfilebase}
\def\shorttitle{}
\def\maintitle{}
\def\shortauthor{}
\def\authormail{}
\def\affiliation{}
\def\thanknote{}
\def\keywords{}
%\def\keywordname{}
\begin{filecontents}{\IJSRAidentifier.bib}
Bibliography-files
\end{filecontents}

\begin{document}
\IJSRAopening
  {\Large\scshape
  \shortauthor}%
  \footnote\thanknote%
  \\[1em]
  \email\\
  \affiliation
\IJSRAmid

\begin{IJSRAabstract}
Abstract
\end{IJSRAabstract}

\lettrine[nindent=0em,lines=3]{M}{ain} text ...


\IJSRAclosing
\end{document}
```

Example 1.9: *Plain document*

Let's have a look how to do certain editing.

How to do quotes: For that we use the enviroment `IJSRAquote` and   quotes

> paste the quote here   —author of the quote

```
1 \begin{IJSRAquote}{author of the quote}
2 paste the quote here
3 \end{IJSRAquote}
```

Example 1.10: *Quote*

For other things e.g. figures or citing, please have a look at other documentations or Some general information:

- Be aware of different brackets, e.g. `[] {}`; These are part of LaTeX-programming-language, every opening bracket needs a closing one.

- Replace e.g. `19 %` with `\SI{19}{\percent}` otherwise everything after `%` will be omitted by LaTeX;

- Replace `&` with `\&`; same with other units, e.g. meter: `100 m` has to be written as `\SI{100}{\meter}`;

- Replace the citation of authors (e.g `Blesser \& Salter 2006`) with `\cite{Blesser2006}`; if you have a page-range write: `\cite[23--45]{Blesser2006}`;

- To compile with bibliography-references; use $1 \times$ XeLaTeX, then the $1 \times$ compiler ›biber‹, then $1 \times$ XeLaTeX.

If you want to know how to cite properly please have a look at the documentation of biblatex-ijsra.[1]

---

1 see Bossert, 2016;
http://mirrors.ctan.org//macros/latex/contrib/biblatex-contrib/biblatex-ijsra/
biblatex-ijsra.pdf

Bibliography

Bossert, Lukas C. 2016: ›ijsra‹ – bibLATEX-style which is used for the *International Journal of Student Research in Archaeology*. Version: 0.1. https://github.com/LukasCBossert/biblatex-ijsra. URL: http://www.ctan.org/pkg/biblatex-ijsra.

Orengo, H. 2015: Open Source GIS and Geospatial Software in Archaeology. Towards Their Integration into Everyday Archaeological Practice, in Wilson, A. T. and Edwards, B. (eds.), *Open Source Archaeology. Ethics and Practice. Ethics and Practice.* Warsaw: deGruyter Open: 64–82.

Pikirayi, I. 2015: The Future of Archaeology in Africa. *Antiquity* 89 (345): 531–541.

You find the code using to write this documentation below.

```latex
\documentclass[
% year=2016,
% month=October,
% number=1,
% volume=2,
  ]{ijsra}
\def\IJSRAidentifier{\currfilebase}


\def\shorttitle{The \texttt{ijsra}-class, Version \IJSRAversion\ --
    \IJSRAversiondate}
\def\maintitle{The \texttt{ijsra}-class, Version \IJSRAversion\ --
    \IJSRAversiondate}
\def\shortauthor{Lukas C. Bossert}
\def\authormail{lukas@digitales-altertum.de}
\def\affiliation{Humboldt-Universität zu Berlin | Excellence-Cluster
    Topoi}
\def\thanknote{The coding of this documentclass is done at \href{https
    ://github.com/LukasCBossert/documentclass-ijsra}{https://github.com
    /LukasCBossert/documentclass-ijsra} }
%\def\keywordname{hello}
\def\keywords{documentclass, \LaTeX , IJSRA}
%-------------------------------------------------------------


\begin{filecontents}{\IJSRAidentifier.bib}
@Incollection{Orengo2015,
  author       = {Orengo, H.},
  title        = {Open Source GIS and Geospatial Software in
    Archaeology},
  subtitle     = {Towards Their Integration into Everyday
    Archaeological Practice},
  pages        = {64--82},
  editor       = {Wilson, A. T. and Edwards, B.},
  booktitle    = {Open Source Archaeology},
  booksubtitle = {Ethics and Practice},
  publisher    = {deGruyter Open},
  location     = {Warsaw},
  year         = {2015},
}

@Article{Pikirayi2015,
  author       = {Pikirayi, I.},
  title        = {The Future of Archaeology in Africa},
  journaltitle = {Antiquity},
  volume       = {89},
  pages        = {531--541},
  year         = {2015},
  issue        = {345},
}

@Article{Bossert-ijsra,
  author       = {Lukas C. Bossert},
```

```latex
47    title       = {›‹ijsra -- bib\LaTeX-style which is used for the \emph{
        International Journal of Student Research in Archaeology}},
48    subtitle  = {Version: 0.1},
49    url         = {http://www.ctan.org/pkg/biblatex-ijsra},
50    keywords  = {latex},
51    year ={2016},
52    note        = {https://github.com/LukasCBossert/biblatex-ijsra},
53    owner     = {Lukas C. Bossert},
54    timestamp = {2016-07-04},
55  }
56
57  \end{filecontents}
58
59  \begin{document}
60  \lstMakeShortInline[style=code]|
61  \IJSRAopening
62
63    {\Large\scshape
64    \shortauthor}%
65    \footnote\thanknote%
66    \\[1em]
67    \email\\
68    \affiliation
69
70  \IJSRAmid
71
72  \begin{IJSRAabstract}%
73  This is a documentation of the class \texttt{ijsra} which is used for
        the
74  \emph{International Journal of Student Research in Archaeology}.
75  Read this documentation carefully.
76  When you start editing do it according to the structure shown in \cref
        {document}.
77  \end{IJSRAabstract}
78
79  %\IJSRAseparator
80
81  \lettrine[nindent=0em,lines=3]{E}{very}  article\marginnote{starting}
        starts with a lettrine as the first letter.
82  This bigger letter functions as an eye catcher to make clear where the
        article starts.
83  It effects the whole word: The first letter reaches down to the third
        line, the other letters of the word are capitalised.
84  In \cref{lettrine} you see the code how this is achieved.
85
86   \begin{lstlisting}[label=lettrine,caption={Starting letter}]
87  \lettrine[nindent=0em,lines=3]{E}{very} article ...
88  \end{lstlisting}
89  If you have a letter which is rather slanted you can define the slope.'
90  Lets have a look at the letter ›‹A.
91   \begin{lstlisting}[label=lettrine,caption={Starting letter ›‹A}]
92  \lettrine[slope=4pt,findent=-3pt,lines=3]{A}{rchaeologists}   …
93  \end{lstlisting}
94  And it changes of course if we start the article with a ›‹W.
95   \begin{lstlisting}[label=lettrine,caption={Starting letter ›‹W}]
96  \lettrine[slope=-4pt,nindent=-4pt,lines=3]{W}{hen} ...
```

```
97  \end{lstlisting}
98
99  Each article contains several information about the author, title, etc.
100 This is done with some definitions.
101 You have to fill in the information in the curly brackets.
102 \begin{lstlisting}[label=information,caption={Information about the
        article}]
103 \def\IJSRAidentifier{\currfilebase} %<---- 'dont change this!
104 \def\shorttitle{} %<---- this is for the short title
105 \def\maintitle{} %<---- full title
106 \def\shortauthor{} %<---- full name of the author
107 \def\authormail{} %<--- email address name@email.com
108 \def\affiliation{} %<--- university or institution
109 \def\thanknote{} %<--- further information regarding the author
110 \def\keywords{} %<---- keywords describing the article
111 %\def\keywordname{} %<---- name of keywords in an other language
112 \end{lstlisting}
113
114 After the definitions there is the block regarding the bibliographical
        entries.
115 Those are written in the section
116 \begin{lstlisting}[label=bibliography,caption={Bibliographical
        information}]
117 \begin{filecontents}{\IJSRAidentifier.bib} %<--- 'dont change this
118
119 @Incollection{Orengo2015,
120   author       = {Orengo, H.},
121   title        = {Open Source GIS and Geospatial Software in
        Archaeology},
122   subtitle     = {Towards Their Integration into Everyday
        Archaeological Practice},
123   pages        = {64--82},
124   editor       = {Wilson, A. T. and Edwards, B.},
125   booktitle    = {Open Source Archaeology},
126   booksubtitle = {Ethics and Practice},
127   publisher    = {deGruyter Open},
128   location     = {Warsaw},
129   year         = {2015},
130 }
131
132 @Article{Pikirayi2015,
133   author       = {Pikirayi, I.},
134   title        = {The Future of Archaeology in Africa},
135   journaltitle = {Antiquity},
136   volume       = {89},
137   pages        = {531--541},
138   year         = {2015},
139   issue        = {345},
140 }
141
142 @Article{Bossert-ijsra,
143   author    = {Lukas C. Bossert},
144   title     = {›‹ijsra -- bib\LaTeX-style which is used for the \emph{
        International Journal of Student Research in Archaeology}},
145   subtitle  = {Version: 0.1},
146   url       = {http://www.ctan.org/pkg/biblatex-ijsra},
```

```
147    keywords  = {latex},
148    note      = {https://github.com/LukasCBossert/biblatex-ijsra},
149    owner     = {Lukas C. Bossert},
150    timestamp = {2016-07-04},
151  }
152  .
153  .
154  .
155
156  \end{filecontents}
157  \end{lstlisting}
158
159  After that we have completed the preamble and get to main part of the
            document.
160  Here we define the layout of the headline.
161
162  \begin{lstlisting}[label=headline,caption={Headline layout}]
163  \IJSRAopening %<---- 'dont change or forget this
164    {\Large\scshape
165    \shortauthor}%
166    \footnote\thanknote%
167    \\[1em]
168    \email\\
169    \affiliation
170  \IJSRAmid %<---- 'dont change or forget this
171  \end{lstlisting}
172  If there is no \textttt{thanknote} you only have to comment line no. 4
            and there will be no footnote.
173
174  After that we come to the abstract.
175  The abstract is set in the enviroment \texttt{IJSRAabstract}:
176  \begin{lstlisting}[label=abstract,caption={IJSRAabstract}]
177  \begin{IJSRAabstract}
178  Abstract
179  \end{IJSRAabstract}
180  \end{lstlisting}
181
182  Then you can copy/paste the text of the article and make further
            editing.
183  At the very end you have to insert
184  \begin{lstlisting}[label=closing,caption={IJSRAclosing}]
185  \IJSRAclosing
186  \end{lstlisting}
187
188  \clearpage
189  Following there is a minimal template how the plain document should
            look like when you begin to edit.
190  \begin{lstlisting}[label=document,caption={Plain document}]
191  \documentclass{ijsra}
192  \def\IJSRAidentifier{\currfilebase}
193  \def\shorttitle{}
194  \def\maintitle{}
195  \def\shortauthor{}
196  \def\authormail{}
197  \def\affiliation{}
198  \def\thanknote{}
```

```
199 \def\keywords{}
200 %\def\keywordname{}
201 \begin{filecontents}{\IJSRAidentifier.bib}
202 Bibliography-files
203 \end{filecontents}
204
205 \begin{document}
206 \IJSRAopening
207   {\Large\scshape
208   \shortauthor}%
209   \footnote\thanknote%
210   \\[1em]
211   \email\\
212   \affiliation
213 \IJSRAmid
214
215 \begin{IJSRAabstract}
216 Abstract
217 \end{IJSRAabstract}
218
219 \lettrine[nindent=0em,lines=3]{M}{ain} text ...
220
221
222 \IJSRAclosing
223 \end{document}
224 \end{lstlisting}
225 \clearpage'
226 Lets have a look how to do certain editing.
227
228 How to do quotes:\marginnote{quotes}
229 For that we use the enviroment |IJSRAquote| and
230 \begin{IJSRAquote}{author of the quote}
231 paste the quote here
232 \end{IJSRAquote}
233 \begin{lstlisting}[label=quote,caption={Quote}]
234 \begin{IJSRAquote}{author of the quote}
235 paste the quote here
236 \end{IJSRAquote}
237 \end{lstlisting}
238
239 For other things e.g. figures or citing, please have a look at other
        documentations or
240
241 Some general information:
242 \begin{itemize}
243 \item Be aware of different brackets, e.g. |[] {}|;
244 These are part of \LaTeX-programming-language, every opening bracket
        needs a closing one.
245 \item Replace e.g. |19 %| with |\SI{19}{\percent}| otherwise everything
         after |%| will be omitted by \LaTeX;
246 \item Replace |&| with |\&|; same with other units, e.g. meter: |100 m|
         has to be written as |\SI{100}{\meter}|;
247 \item Replace the citation of authors (e.g |Blesser \& Salter 2006|)
        with |\cite{Blesser2006}|;
248    if you have a page-range write:  |\cite[23--45]{Blesser2006}|;
249 \item To compile with bibliography-references;
```

```
250  use 1 $\times$ Xe\LaTeX, then the 1 $\times$ compiler ›‹biber, then 1 $
         \times$ Xe\LaTeX.
251  \end{itemize}
252
253  If you want to know how to cite properly
254  please have a look at the documentation of \texttt{biblatex-ijsra}.
         \footnote{\cite[see][]{Bossert-ijsra};\\ \url{http://mirrors.ctan.
         org//macros/latex/contrib/biblatex-contrib/biblatex-ijsra/biblatex-
         ijsra.pdf}}
255
256  \nocite{*}
257  \printbibliography
258  \clearpage
259  You find the code using to write this documentation below.
260
261  \lstinputlisting[language={[AlLaTeX]{TeX}}]{\jobname.tex}
262  \IJSRAclosing
263  \end{document}
```

References

Bossert, Lukas C. 2016: ›ijsra‹ – bibLaTeX-style which is used for the *International Journal of Student Research in Archaeology*. Version: 0.1. https://github.com/LukasCBossert/biblatex-ijsra. URL: http://www.ctan.org/pkg/biblatex-ijsra.

Orengo, H. 2015: Open Source GIS and Geospatial Software in Archaeology. Towards Their Integration into Everyday Archaeological Practice, in Wilson, A. T. and Edwards, B. (eds.), *Open Source Archaeology. Ethics and Practice. Ethics and Practice.* Warsaw: deGruyter Open: 64–82.

Pikirayi, I. 2015: The Future of Archaeology in Africa. *Antiquity* 89 (345): 531–541.