



The ijsra-class, Version 0.1a – 2016/07/28

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Keywords: documentclass, \LaTeX , IJSRA

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.

```
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
6     Archaeology},
7   subtitle    = {Towards Their Integration into Everyday
8     Archaeological Practice},
9   pages       = {64--82},
10  editor       = {Wilson, A. T. and Edwards, B.},
11  booktitle    = {Open Source Archaeology},
12  booksubtitle = {Ethics and Practice},
13  publisher    = {deGruyter Open},
14  location     = {Warsaw},
15  year         = {2015},
16 }
17
18 @Article{Pikirayi2015,
19   author      = {Pikirayi, I.},
20   title       = {The Future of Archaeology in Africa},
21   journaltitle = {Antiquity},
22   volume      = {89},
23   pages       = {531--541},
24   year        = {2015},
25   issue       = {345},
26 }
27
28 @Article{Bossert-ijrsra,
29   author      = {Lukas C. Bossert},
30   title       = {\>\>ijrsra -- bib\LaTeX-style which is used for the \emph{
31     International Journal of Student Research in Archaeology}},
32   subtitle    = {Version: 0.1},
33   url         = {http://www.ctan.org/pkg/biblatex-ijrsra},
34   keywords    = {latex},
35   note        = {https://github.com/LukasCBossert/biblatex-ijrsra},
36   owner       = {Lukas C. Bossert},
37   timestamp   = {2016-07-04},
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.

```

1 \documentclass{ijsra}
2 \def\IJSRAidentifier{\currfilebase}
3 \def\shorttitle{}
4 \def\maintitle{}
5 \def\shortauthor{}
6 \def\authormail{}
7 \def\affiliation{}
8 \def\thanknote{}
9 \def\keywords{}
10 %\def\keywordname{}
11 \begin{filecontents}{\IJSRAidentifier.bib}
12 Bibliography - files
13 \end{filecontents}
14
15 \begin{document}
16 \IJSRAopening
17   {\Large\scshape
18    \shortauthor}%
19   \footnote\thanknote%
20   \\[1em]
21   \email\\
22   \affiliation
23 \IJSRAmid
24
25 \begin{IJSRAabstract}
26 Abstract
27 \end{IJSRAabstract}
28
29 \lettrine[nindent=0em,lines=3]{M}{ain} text ...
30
31
32 \IJSRAclosing
33 \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 environment `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. `Blessner & Salter 2006`) with `\cite{Blessner2006}`; if you have a page-range write: `\cite[23--45]{Blessner2006}`;
- To compile with bibliography-references; use `1 × Xe \LaTeX` , then `1 × compiler >biber<`, then `1 × Xe \LaTeX` .

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‹ – bib \LaTeX -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.

```

1 \documentclass[
2 % year=2016,
3 % month=October,
4 % number=1,
5 % volume=2,
6 ]{ijsra}
7 \def\IJSRAidentifier{\currfilebase}
8
9
10 \def\shorttitle{The \texttt{ijsra}-class , Version \IJSRAversion\ --
11 \IJSRAversiondate}
12 \def\maintitle{The \texttt{ijsra}-class , Version \IJSRAversion\ --
13 \IJSRAversiondate}
14 \def\shortauthor{Lukas C. Bossert}
15 \def\authormail{lukas@digitales - alertum . de}
16 \def\affiliation{Humboldt- Universität zu Berlin | Excellence - Cluster
17 Topoi}
18 \def\thanknote{The coding of this documentclass is done at \href{https
19 ://github.com/LukasCBossert/documentclass - ijsra}{https://github.com
20 /LukasCBossert/documentclass - ijsra } }
21 %\def\keywordname{hello}
22 \def\keywords{documentclass , \LaTeX , IJSRA}
23 %-----
24
25
26 \begin{filecontents}{\IJSRAidentifier . bib}
27 @Incollection{Orengo2015,
28   author      = {Orengo, H.},
29   title       = {Open Source GIS and Geospatial Software in
30   Archaeology},
31   subtitle    = {Towards Their Integration into Everyday
32   Archaeological Practice},
33   pages       = {64--82},
34   editor      = {Wilson, A. T. and Edwards, B.},
35   booktitle   = {Open Source Archaeology},
36   booksubtitle = {Ethics and Practice},
37   publisher   = {deGruyter Open},
38   location    = {Warsaw},
39   year        = {2015},
40 }
41
42 @Article{Pikirayi2015,
43   author      = {Pikirayi, I.},
44   title       = {The Future of Archaeology in Africa},
45   journaltitle = {Antiquity},
46   volume      = {89},
47   pages       = {531--541},
48   year        = {2015},
49   issue       = {345},
50 }
51
52 @Article{Bossert - ijsra ,
53   author      = {Lukas C. Bossert},

```



```

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-ijrsra},
50 keywords   = {latex},
51 year       = {2016},
52 note       = {https://github.com/LukasCBossert/biblatex-ijrsra},
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
74 the
75 \emph{International Journal of Student Research in Archaeology}.
76 Read this documentation carefully.
77 When you start editing do it according to the structure shown in \cref
78 {document}.
79 \end{IJSRAabstract}
80
81 %\IJSRAseparator
82
83 \lettrine[nindent=0em,lines=3]{E}{very} article\marginnote{starting}
84 starts with a lettrine as the first letter.
85
86 This bigger letter functions as an eye catcher to make clear where the
87 article starts.
88
89 It effects the whole word: The first letter reaches down to the third
90 line, the other letters of the word are capitalised.
91
92 In \cref{lettrine} you see the code how this is achieved.
93
94 \begin{lstlisting}[label=lettrine,caption={Starting letter}]
95 \lettrine[nindent=0em,lines=3]{E}{very} article ...
96 \end{lstlisting}
97
98 If you have a letter which is rather slanted you can define the slope.'
99 Lets have a look at the letter ›A.
100
101 \begin{lstlisting}[label=lettrine,caption={Starting letter ›A}]
102 \lettrine[slope=4pt,findent=-3pt,lines=3]{A}{rchaeologists} ...
103 \end{lstlisting}
104
105 And it changes of course if we start the article with a ›W.
106
107 \begin{lstlisting}[label=lettrine,caption={Starting letter ›W}]
108 \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-ijrsra,
143     author      = {Lukas C. Bossert},
144     title       = {\>\>ijrsra -- 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-ijrsra},

```

```

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 \texttt{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 ml|
    has to be written as |\SI{100}{\meter}|;
247 \item Replace the citation of authors (e.g |Blessner \& Salter 2006|)
    with |\cite{Blessner2006}|;
248 if you have a page-range write: |\cite[23--45]{Blessner2006}|;
249 \item To compile with bibliography - references;

```

```

250 use 1 $\times$ Xe\LaTeX, then 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-ijrsra}.
    \footnote{\cite[see][Bossert-ijrsra];\ \url{http://mirrors.ctan.
    org/macros/latex/contrib/biblatex-contrib/biblatex-ijrsra/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={\AllLaTeX}{TeX}]{\jobname.tex}
262 \IJSRAClosing
263 \end{document}

```

References

- Bossert, Lukas C. 2016: >ijrsra< – bib \LaTeX -style which is used for the *International Journal of Student Research in Archaeology*. Version: 0.1. <https://github.com/LukasCBossert/biblatex-ijrsra>. URL: <http://www.ctan.org/pkg/biblatex-ijrsra>.
- 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.