

# Highlights of Apache NetBeans Keyboard Shortcuts & Code Templates

## Finding, Searching, and Replacing

|                |                                   |
|----------------|-----------------------------------|
| Ctrl-F3        | Search word at insert point       |
| F3/Shift-F3    | Find next/previous in file        |
| Ctrl-F/H       | Find/Replace in file              |
| Alt-F7         | Find usages                       |
| Ctrl-Shift-F/H | Find/replace in projects          |
| Alt-Shift-U    | Find usages results               |
| Alt-Shift-H    | Turn off search result highlights |
| Ctrl-R         | Rename                            |
| Ctrl-U, then U | Convert selection to uppercase    |
| Ctrl-U, then L | Convert selection to lowercase    |
| Ctrl-U, then S | Toggle case of selection          |
| Ctrl-Shift-V   | Paste formatted                   |
| Ctrl-Shift-D   | Show Clipboard History            |
| Ctrl-I         | Jump to quick search field        |
| Alt-Shift-L    | Copy file path                    |

## Navigating through Source Code

|                           |                                    |
|---------------------------|------------------------------------|
| Ctrl-O/Alt-Shift-O        | Go to type/file                    |
| Ctrl-Shift-T              | Go to JUnit test                   |
| Ctrl-Shift-B              | Go to source                       |
| Ctrl-B                    | Go to declaration                  |
| Ctrl-G                    | Go to line                         |
| Ctrl-Shift-M              | Toggle add/remove bookmark         |
| Ctrl-Shift-Period / Comma | Next/previous bookmark             |
| Ctrl-Period / Comma       | Next/previous usage/compile error  |
| Alt-Shift-Period / Comma  | Select next/previous element       |
| Ctrl-Shift-1/2/3          | Select in Projects/Files/Favorites |
| Ctrl-[                    | Move caret to matching bracket     |
| Ctrl-K/Ctrl-Shift K       | Next/previous word match           |
| Alt-Left/Alt-Right/Ctrl-Q | Go backward/forward/to last edit   |
| Alt Up / Down             | Next/previous marked occurrence    |

## Coding in C/C++

|             |                     |
|-------------|---------------------|
| Alt-Shift-C | Go to declaration   |
| Ctrl-F9     | Evaluate expression |

## Coding in Java

|                              |                                |
|------------------------------|--------------------------------|
| Alt-Insert                   | Generate code                  |
| Ctrl-Shift-I                 | Fix all class imports          |
| Alt-Shift-I                  | Fix selected class's import    |
| Alt-Shift-F                  | Format selection               |
| Alt-Shift Left/Right/Up/Down | Shift lines left/right/up/down |
| Ctrl-Shift-R                 | Rectangular Selection (Toggle) |
| Ctrl-Shift-Up/D              | Copy lines up/down             |
| Ctrl/Alt-F12                 | Inspect members/hierarchy      |
| Ctrl-Shift-C/ Ctrl-/         | Add/remove comment lines       |
| Ctrl-E                       | Delete current line            |

## Compiling, Testing, and Running

|                |                               |
|----------------|-------------------------------|
| F9             | Compile package/ file         |
| F11            | Build main project            |
| Shift-F11      | Clean & build main project    |
| Ctrl-Q         | Set request parameters        |
| Ctrl-Shift-U   | Create Unit test              |
| Ctrl-F6/Alt-F6 | Run Unit test on file/project |
| F6/Shift-F6    | Run main project/file         |

## Opening and Toggling between Views

|                    |  |
|--------------------|--|
| Ctrl-Tab (Ctrl-`)  | Switch between open documents by order used    |
| Shift-Escape       | Maximize window (toggle)                       |
| Ctrl-F4/Ctrl-W     | Close selected window                          |
| Ctrl-Shift-F4      | Close all windows                              |
| Shift-F10          | Open contextual menu                           |
| Ctrl-PgUp / PgDown | Switch between open documents by order of tabs |
| Ctrl-Alt-T         | Reopen recently closed file                    |

|                           |                             |
|---------------------------|-----------------------------|
| Ctrl-Alt-PgUp / PgDown    | Toggle between editor types |
| Alt-Mouse Wheel Up / Down | Zoom text in / out          |
| Ctrl-Shift-S              | Toggle Inspect Mode         |

## Debugging

|               |                                 |
|---------------|---------------------------------|
| Ctrl-F5       | Start debugging main project    |
| Ctrl-Shift-F5 | Start debugging current file    |
| Ctrl-Shift-F6 | Start debugging test for file   |
| Shift-F5/F5   | Stop/Continue debugging session |
| F4            | Run to cursor location in file  |
| F7/F8         | Step into/over                  |
| Ctrl-F7       | Step out                        |
| Ctrl-Alt-Up   | Go to called method             |
| Ctrl-Alt-Down | Go to calling method            |
| Ctrl-F9       | Evaluate expression             |
| Ctrl-F8       | Toggle breakpoint               |
| Ctrl-Shift-F8 | New breakpoint                  |
| Ctrl-Shift-F7 | New watch                       |

When typing in the Source Editor, generate the text in the right-column below by typing the abbreviation that is listed in the left-column and then pressing Tab.

## Java Editor Code Templates

|      |                             |
|------|-----------------------------|
| En   | Enumeration                 |
| Ex   | Exception                   |
| Ob   | Object                      |
| Psf  | public static final         |
| Psfb | public static final boolean |
| Psfi | public static final int     |
| Psfs | public static final String  |
| St   | String                      |
| ab   | abstract                    |
| as   | assert true;                |
| bcom | /**/                        |
| bo   | boolean                     |
| br   | break;                      |

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|         |  |
|---------|--|
| ca      | catch (  |
| cl      | class  |
| cn      | continue   |
| db      | double   |
| df      | default:   |
| dowhile | do {<br>} while ( <i>condition</i> );  |
| eq      | equals   |
| ex      | extends  |
| fa      | false  |
| fcom    | // <editor-fold></editor-fold>   |
| fi      | final  |
| fl      | float  |
| forc    | for ( <i>Iterator it = collection.iterator();</i><br><i>it.hasNext();</i> ) {<br><i>Object elem = (Object) it.next();</i><br>} |
| fore    | for ( <i>Object elem : iterable</i> ) {<br>}   |
| fori    | for (int <i>i</i> = 0; <i>i</i> < <i>arr.length</i> ; <i>i</i> ++) { }   |
| forl    | for (int <i>i</i> = 0; <i>i</i> < <i>lst.size()</i> ; <i>i</i> ++) {<br><i>Object object = lst.get(i);</i> }                   |
| forst   | for ( <i>StringTokenizer st = new</i><br><i>StringTokenizer(""); st.hasMoreTokens();</i> ) }                                   |
| forv    | for (int <i>i</i> = 0; <i>i</i> < <i>vct.size()</i> ; <i>i</i> ++) {<br><i>Object object = vct.elementAt(i);</i>               |
| fy      | finally{   }   |
| ie      | interface  |
| ifelse  | if ( <i>condition</i> ){ }else {<br>}  |
| iff     | if ( <i>exp</i> ) { }  |
| im      | implements   |
| inst    | if ( <i>exp instanceof Object</i> ) {<br><i>Object obj = (Object) exp;</i>   |
| iof     | instanceof   |
| ir      | import   |
| le      | length   |
| na      | native   |
| newo    | <i>Object name = new Object(args);</i>   |
| pe      | protected  |
| pr      | private  |

|          |  |
|----------|--|
| psf      | private static final   |
| psfb     | private static final boolean   |
| psfi     | private static final int   |
| psfs     | private static final String  |
| pst      | printStackTrace();   |
| psvm     | public static void main( <i>String[] args</i> ){<br>}  |
| pu       | public   |
| re       | return   |
| runn     | <i>Runnable runnable = new Runnable()</i> {<br><i>public void run()</i> {} };                    |
| serr     | <i>System.err.println ("");</i>  |
| sh       | short  |
| sout     | <i>System.out.println ("");</i>  |
| soutv    | <i>System.out.println("Object = " + Object);</i>   |
| st       | static   |
| su       | super  |
| sw       | switch ( <i>var</i> ) { case <i>val</i> : break;<br>default: throw new <i>AssertionError()</i> ; |
| sy       | synchronized   |
| tds      | <i>Thread.dumpStack()</i> ;  |
| th       | throws   |
| tr       | transient  |
| trycatch | try {<br>catch ( <i>Exception e</i> ) { }  |
| tw       | throw  |
| vo       | volatile   |
| wh       | while (  |
| whileit  | while ( <i>it.hasNext()</i> ) {<br><i>Object elem = (Object) it.next();</i>                      |
| whilen   | while ( <i>en.hasMoreElements()</i> ) {<br><i>Object elem = (Object) en.nextElement();</i>       |
| whilexp  | while ( <i>exp</i> ) { }   |

## JSP Editor Code Templates

|    |  |
|----|--|
| al | <i>window.alert({message});</i>  |
| br | <i>{no-indent}break;</i>   |
| ca | <i>{no-indent}case</i><br><i>catch ({exception})</i> {<br><i>{cursor}</i><br>} |

|       |  |
|-------|--|
| cond  | <i>window.console.debug({debug});</i>  |
| coni  | <i>window.console.info({info});</i>  |
| conl  | <i>window.console.log({log});</i>  |
| conw  | <i>window.console.warn({warn});</i>  |
| ct    | <i>{no-indent}catch</i><br><i>{no-indent}document</i>  |
| dw    | <i>document.write({message});</i><br>Else {<br><i>{cursor}</i><br>}  |
| eq    | <i>{no-indent&gt;equals</i>  |
| fa    | <i>{no-indent&gt;false</i><br>for ( <i>var {item} in {object}</i> ) {<br><i>{selection}{cursor}</i><br>}   |
| forin | <i>function {name}({parameters})</i> {<br><i>{selection}{cursor}</i><br>}  |
| fun   | <i>{no-indent&gt;window.history</i><br>if ( <i>{expr}</i> ) {<br><i>{selection}{cursor}</i><br>}   |
| iof   | <i>{no-indent instanceof</i>   |
| json  | <i>{ "\${field}": "\${value}" }</i>  |
| lo    | <i>{no-indent&gt;window.location</i><br><i>{no-indent}var {name} = new {type}({</i><br><i>{arguments};</i><br><i>{propertyName}: function({parameters})</i> {<br><i>{cursor}</i><br>}, |
| prf   | <i>{no-indent}return</i>   |
| re    | <i>{no-indent}var {name} = {value};</i>  |
| var   | <i>{no-indent&gt;window</i>  |