


These are examples of several ways to list (Ciao)Prolog code in a LaTeX document including a link for loading and running the example on the Ciao playground. The link is obtained by pasting the program into the Ciao playground and using the  button to create the link (containing the program) and copy it into the clipboard, from which it can be pasted into the LaTeX document. This file uses the **prologrun.sty** style file provided with the playground.

1. Using a simple link .

This is generated by:

```
\href{https://ciao-lang.org/playground/...}{simple link}
```

2. Using the **runlink** macro: **run** ►

This is generated by:

```
\runlink{https://ciao-lang.org/playground/...}
```

3. Using the **runlink** macro before a standard code area:

**run** ►

```
append([],X,X).
append([X|Y],Z,[X|W]) :-
    append(Y,Z,W).
```

This is generated by:

```
\hfill \runlink{https://ciao-lang.org/playground/...}
\begin{prolog}
append([],X,X).
append([X|Y],Z,[X|W]) :-
    append(Y,Z,W).
\end{prolog}
```

4. Declaring the link first and using a **prologrun** code area:

```
append([],X,X).
append([X|Y],Z,[X|W]) :-
    append(Y,Z,W).
```

**run** ►

This is generated by:

```
\codelink{https://ciao-lang.org/playground/...}
\begin{prologrun}
append([],X,X).
append([X|Y],Z,[X|W]) :-
    append(Y,Z,W).
\end{prologrun}
```