

Example of using hooks

Note: hooked macros can not be tested in cycles. Use unhooked macros for this.

unhooked: Josephine hooked cA: Josephine unhooked: Josephine hooked firstxname: Josephine	unhooked: Darakjy hooked cB: Darakjy unhooked: Darakjy hooked lastxname: Darakjy	unhooked: josephine_darakjy@darakjy.org hooked email: <i>josephine_darakjy@darakjy.org</i>
unhooked: Art hooked cA: Art unhooked: Art hooked firstxname: Art	unhooked: Venere hooked cB: Venere unhooked: Venere hooked lastxname: Venere	unhooked: art@venere.org hooked email: <i>art@venere.org</i>
unhooked: Lenna hooked cA: Lenna unhooked: Lenna hooked firstxname: Lenna	unhooked: Paprocki hooked cB: Paprocki unhooked: Paprocki hooked lastxname: Paprocki	unhooked: lpaprocki@hotmail.com hooked email: <i>lpaprocki@hotmail.com</i>
unhooked: Donette hooked cA: Donette unhooked: Donette hooked firstxname: Donette	unhooked: Foller hooked cB: Foller unhooked: Foller hooked lastxname: Foller	unhooked: donette.foller@cox.net hooked email: <i>donette.foller@cox.net</i>

Josephine	Darakjy	<i>josephine_darakjy@darakjy.org</i>
Art	Venere	<i>art@venere.org</i>
Lenna	Paprocki	<i>lpaprocki@hotmail.com</i>
Donette	Foller	<i>donette.foller@cox.net</i>

% SOURCE CODE:

\usemodule[handlecsv]

% in CSV file are used # characters (i.e. TeX problematic character)

\catcode`\#=12

```

% define beginning general hook (\bfilehook ie begin file hook) to insert
before processing of CSV file
\def\bfilehook{\bTABLE }
% define closing general hook (\efilehook ie end file hook) to insert after
processing of CSV file
\def\efilehook{\eTABLE }
% define beginning general hook (\blinehook ie begin line hook) to insert
before processing of each separate line
\def\blinehook{\bTR }
% define closing general hook (\elinehook ie end line hook) to insert
after processing of each separate line
\def\elinehook{\eTR }

% define beginning general hook (\bch i.e. begin column hook) to insert
before processing of each separate column
\def\bch{\bgroup\ssa }
% define closing general hook (\ech i.e. end column hook) to insert after
processing of each separate column
\def\ech{\egroup }

% You can also use special columns hooks to marking specific columns items
% When you use the following settings of these hooks:
\def\bchcA{\bgroup\blue\bf }% begin column hook of column A
\def\echcA{\egroup}% end column hook of column A
\def\bchcB{\bgroup\red\ssbfc }% begin column hook of column B
\def\echcB{\egroup}% end column hook of column B
% then you can use a macros \hcA and \hcB (i.e hooked columns A and B)
% explanation: \def\hcA{\bchcA\cA\echcA} etc.

% When you use the following settings of these hooks too:
\def\bchfirstxname{\bgroup\yellow\bf }
\def\echfirstxname{\egroup}
\def\bchlastxname{\bgroup\darkgray\bf }
\def\echlastxname{\egroup}
\def\bchemail{\bgroup\green\it }
\def\echemail{\egroup}
% then you can use a macros \hfirstxname, \hlastxname and \hemail
% explanation: \def\hfirstxname{\bchfirstxname\firstxname\echfirstxname}
etc.

\usehooks % it is necessary turn on using hooks while process CSV file

```

```

\setheader
\setsep{,}
% first_name, last_name, company_name, address, city, county, state, zip,
% phone1, phone2, email, web
\opencsvfile{myfirstcsvexamplefile.csv}

```

```

\starttext
\title{Example of using hooks}

```

Note: hooked macros can not be tested in cycles. Use unhooked macros for this.

```

\blank[big]

```

```

\unexpanded\def\tableaction{%
\expanded{%
\bTD
unhooked: \columncontent['first_name']\crlf
hooked cA: \hcA\crlf
unhooked: \firstxname\crlf
hooked firstxname: \hfirstxname
\eTD
\bTD
unhooked: \columncontent['last_name']\crlf
hooked cB: \hcB\crlf
unhooked: \lastxname\crlf
hooked lastxname: \hlastxname
\eTD%
\bTD
unhooked: \email\crlf
hooked email: \hemail
\eTD%
}%
}%

```

```

\doloopfromto{2}{5}{\tableaction}

```

```

\blank[big]

```

```

\unexpanded\def\othertableaction{\expanded{ \hcA\hcB\hemail}}%
% define beginning hook to insert before processing of each separate column

```

```
\def\bch{\bTD }
% define closing hook to insert after processing of each separate column
\def\ech{\eTD }

\doloopfromto{2}{5}{\othertableaction}

\startlines
\typebuffer[about_hooks]
\stoplines

\stoptext
```