```
\subsection{Function \texttt{MKPOLS}}

The function \texttt{MKPOLS} returns a list of HPC objects, i.e.~the geometric type of the PLaSM language.
This list is generated to be displayed, possibly exploded, by the \texttt{pyplasm} viewer.

Each cell \texttt{f} in the model (i.e.~each vertex list in the \texttt{FV} array of the previous example)
is mapped into a polyhedral cell by the \texttt{pyplasm} operator \texttt{MKPOL}. The vertex indices are
mapped from base 0 (the Python and C standard) to base 1 (the Plasm, Matlab, and FORTRAN standard).
%-------------------------------------------------------------------
@d MaKe a list of HPC objects from a LAR model
@{def MKPOLS (model):
    V, FV = model
    pols = [MKPOL([[V[v] for v in f],[range(1,len(f)+1)], None]) for f in FV]
    return pols
@| MKPOLS @}
%-------------------------------------------------------------------

\paragraph{Unit tests}
Some simple 3D, 2D, 1D and 0D models are generated and visualised exploded by the file
%-------------------------------------------------------------------
@o test/py/lar2psm/test-models.py
@{@< Import the module @(lar2psm@) @>
@< View model examples @>
@}
%-------------------------------------------------------------------
```