NAME
> space - technology files for the space layout to circuit extractor

DESCRIPTION
> The *space* (1ICD) layout to circuit extractor is technology independent. At start up, it reads a tabular element definition file specifying how the different elements like conductors and transistors can be recognized from the different mask combinations, and which values should be used for, for example, conductor capacitivity and conductor resistivity. This tabular element file is constructed from a user-defined element definition file by the space technology compiler *tecc*(1ICD). For a description of the format of such a file, see *tecc*(1ICD).

> The default element definition file is *space.def.t* in the appropriate directory of the ICD process library. However, there can be several other element definition files for a particular process. For example, the file *space.max.t* may contain an element description with worst-case capacitance and resistance values. This file can be read rather than the standard file by specifying *-e max* while invoking space. The user can also prepare his own element definition file and specify the name of that file with the *-E* option of space. For preparation of a customized element definition file, it is perhaps best to modify a copy of the source of one of the ''official'' element definition tables. These sources are also in the ICD process library.

> Additionaly, some aspects of *space* are under control of some parameters that are specified in a parameter file. This file contains some key-value pairs, one per line, adjusting some of the defaults of space. For a description of all settable parameters, see space (1ICD).

> The default parameter file is *space.def.p* in the appropriate directory of the ICD process library, but the user can choose other parameter files with the -p or -P options of space.

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FILES
> `ICDPATH/share/lib/process/`*process*`/space.def.t`
>> default element definition file

> `ICDPATH/share/lib/process/`*process*`/space.def.s`
>> source of default element definition file

> `ICDPATH/share/lib/process/`*process*`/space.def.p`
>> default parameter file

SEE ALSO
> space (1ICD), tecc (1ICD)