

What is the packaging enveloped - detached - enveloping and internally detached of a signature

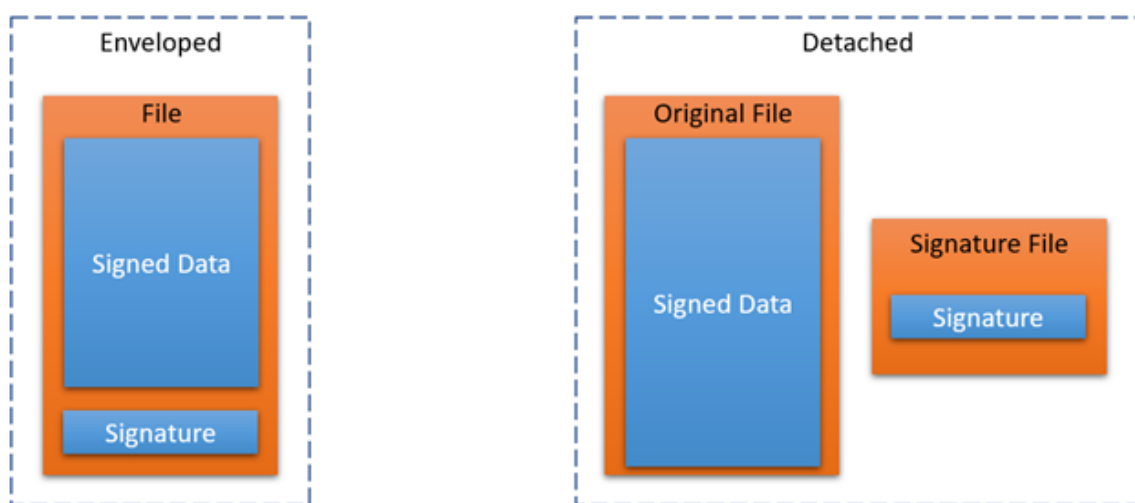
Creado por Warren Verduyssen, modificado por última vez en día 18, 2019

Question

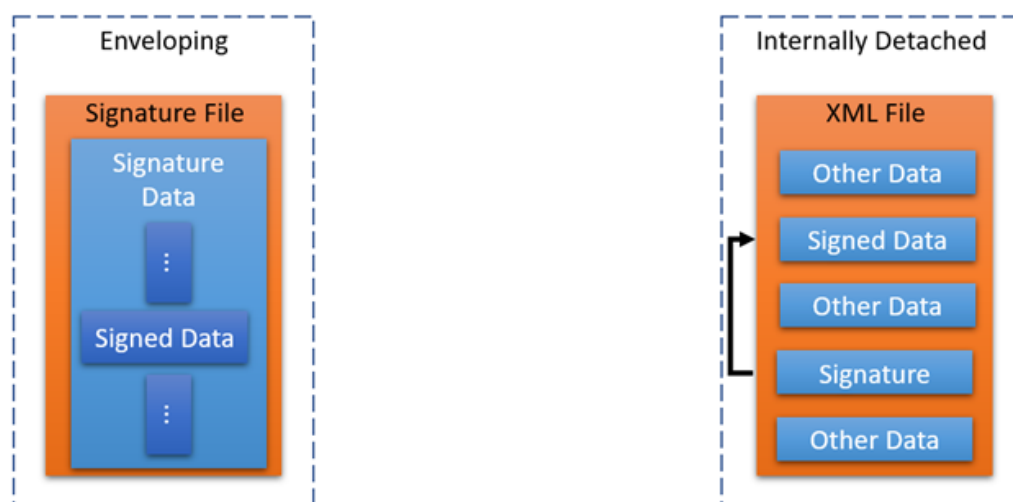
What is the packaging enveloped, detached, enveloping, and internally detached of a signature?

Answer

A signature can be enveloped or detached, whether it is included as an element of the file containing the signed data or a separate signature file is created, that refers to the data upon which it bears:



It can also be enveloping when the signed data are included as a sub-element of the signature, and in special cases where the signature is detached but both the signed data and the signature data are included in another file, it is called internally detached. (Internally detached signatures are very rarely used).



Not all signature formats support these different locations and positionings of a signature and a simplified overview can be given by the following:

- Enveloped signatures can be created using XAdES or PAdES formats
- Detached signatures can be created using XAdES or CAdES formats
- Enveloping signatures can be created using XAdES or CAdES formats
- Internally detached signatures can only be created using XAdES format.

For more info, visit our eSignature dedicated FAQ page: <https://ec.europa.eu/digital-building-blocks/wikis/x/j4BrBg>

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