The metadata al

so describes the assembly by exposing these aspects of its IL code:

The identity of the assembly (name, version, public key, culture context)

Dependencies, or other assemblies this one depends on

Security permissions, which are set by an administrator

Visibility of the type

Metadata

The parent of the type, or what it inherits from

Type membership (methods, fields, properties, events)

Attributes, which are additional elements used on types and their members at runtime

All this data is embedded in the metadata,