```
IVdmProject p = (IVdmProject) iFile.getProject().getAdapter(
    IVdmProject.class);
String extension = null;
if (p != null)
{
  for (IContentType ct : p.getContentTypeIds())
  {
      if (!ct.getId().contains(".external."))
    {
      extension = ct.getFileSpecs(IContentType.
                                  FILE_EXTENSION_SPEC)[0];
      break;
    }
  }
}
```

If the `IVdmProject p` is null, the extension stays unassigned and therefore set to null. The `uml2vdm` class is initialized:

```
if (!uml2vdm.initialize(uri, extension))
{...}
```

The `initialize` method returns a boolean signaling whether the file was successfully obtained. This is why the method is called the a condition in the `if` statement that contains error handling in its body. The `initialize` method itself consists of the following code:

```
public boolean initialize(URI uri, String extension)
{
  if (extension != null)
  {
    this.extension = extension;
  }
  Resource resource = new ResourceSetImpl().getResource(uri,
    true);
  for (EObject c : resource.getContents())
  {
    if (c instanceof Model)
    {
      model = (Model) c;
    }
  }

  return model != null;
}
```