**WORK PRODUCT(Artifact):Implementation**

Software code files, data files, and supporting files (such as online help files) that represent the raw parts of a system that can be built.

**PURPOSE**

To represent the physical parts that compose the system to be built, and to organize the parts in a way that is understandable and manageable.

**RELATIONSHIPS**

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| **Roles** | Primary:   * [Developer](http://epf.eclipse.org/wikis/openup/process.openup.base/capabilitypatterns/developer_82EAB9C9.html?proc=_SuWj4dOPEdyqlogshP8l4g&path=_SuWj4dOPEdyqlogshP8l4g,_ieYHIVQwEd2i9JHp7xurvw,_51ewYdOPEdyqlogshP8l4g,_aSrtcdOOEdyqlogshP8l4g,_TV_k8dOKEdyqlogshP8l4g,_0j1oYKqeEeGLQ_Sv1UBWjg) | Additional:   * [Stakeholder](http://epf.eclipse.org/wikis/openup/process.openup.base/capabilitypatterns/stakeholder_FC13CAAA.html?proc=_SuWj4dOPEdyqlogshP8l4g&path=_SuWj4dOPEdyqlogshP8l4g,_ieYHIVQwEd2i9JHp7xurvw,_51ewYdOPEdyqlogshP8l4g,_aSrtcdOOEdyqlogshP8l4g,_TV_k8dOKEdyqlogshP8l4g,_0j550aqeEeGLQ_Sv1UBWjg) * [Tester](http://epf.eclipse.org/wikis/openup/process.openup.base/capabilitypatterns/tester_338BC9B3.html?proc=_SuWj4dOPEdyqlogshP8l4g&path=_SuWj4dOPEdyqlogshP8l4g,_ieYHIVQwEd2i9JHp7xurvw,_51ewYdOPEdyqlogshP8l4g,_aSrtcdOOEdyqlogshP8l4g,_TV_k8dOKEdyqlogshP8l4g,_0j7H8aqeEeGLQ_Sv1UBWjg) | Assisting: |
| **Inputs** | Mandatory:   * [[Technical Design]](http://epf.eclipse.org/wikis/openup/process.openup.base/capabilitypatterns/technical_design_slot_D1C3FAF5.html?proc=_SuWj4dOPEdyqlogshP8l4g&path=_SuWj4dOPEdyqlogshP8l4g,_ieYHIVQwEd2i9JHp7xurvw,_51ewYdOPEdyqlogshP8l4g,_aSrtcdOOEdyqlogshP8l4g,_TV_k8dOKEdyqlogshP8l4g,_gX7xQdOKEdyqlogshP8l4g) * [[Technical Specification]](http://epf.eclipse.org/wikis/openup/process.openup.base/capabilitypatterns/technical_specification_slot_A7D69414.html?proc=_SuWj4dOPEdyqlogshP8l4g&path=_SuWj4dOPEdyqlogshP8l4g,_ieYHIVQwEd2i9JHp7xurvw,_51ewYdOPEdyqlogshP8l4g,_aSrtcdOOEdyqlogshP8l4g,_TV_k8dOKEdyqlogshP8l4g,_frh-QdOKEdyqlogshP8l4g) | Optional:   * [[Technical Implementation]](http://epf.eclipse.org/wikis/openup/process.openup.base/capabilitypatterns/technical_implementation_slot_E32AE6DF.html?proc=_SuWj4dOPEdyqlogshP8l4g&path=_SuWj4dOPEdyqlogshP8l4g,_ieYHIVQwEd2i9JHp7xurvw,_51ewYdOPEdyqlogshP8l4g,_aSrtcdOOEdyqlogshP8l4g,_TV_k8dOKEdyqlogshP8l4g,_gX7xQNOKEdyqlogshP8l4g) * [Developer Test](http://epf.eclipse.org/wikis/openup/process.openup.base/capabilitypatterns/developer_test_DC61DB05.html?proc=_SuWj4dOPEdyqlogshP8l4g&path=_SuWj4dOPEdyqlogshP8l4g,_ieYHIVQwEd2i9JHp7xurvw,_51ewYdOPEdyqlogshP8l4g,_aSrtcdOOEdyqlogshP8l4g,_TV_k8dOKEdyqlogshP8l4g,_gX7xQtOKEdyqlogshP8l4g) | External:   * None |
| **Outputs** | * [Implementation](http://epf.eclipse.org/wikis/openup/process.openup.base/capabilitypatterns/implementation_1DA9E76A.html?proc=_SuWj4dOPEdyqlogshP8l4g&path=_SuWj4dOPEdyqlogshP8l4g,_ieYHIVQwEd2i9JHp7xurvw,_51ewYdOPEdyqlogshP8l4g,_aSrtcdOOEdyqlogshP8l4g,_TV_k8dOKEdyqlogshP8l4g,_dC4w4JojEd2XAqcHTC2Siw) |

**MAIN DESCRIPTION**

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| This artifact is the collection of one or more of these elements:   * Source code files * Data files * Build scripts * Other files that are transformed into the executable system |

**TAILORING**

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| **Impact of not having** | Without this artifact, there is no way to produce the application to be delivered as part of the solution. |
| **Reasons for not needing** | You do not need to produce this artifact if the actual development of an application is not in the scope of the solution. |
| **Representation Options** | Implementation files are represented as files in the local file system. File folders (directories) are represented as packages, which group the files into logical units. |