IMAGICA Service v0.0

**Output**

|  |  |
| --- | --- |
| **Method** | GET |
| **Content Type** | Application/json |
| **URL** | /ap1/v1/output/FileName/{file\_name}/ |
| **Response** | {  "FileName": "string",  "GeneratedAt": "datetime",  "DocumentCreatedAt": "datetime",  "NormalizationVersion": "string",  "PostProcessingVersion": "string",  "ModelVersion": "string",  "Data": [  {  "ImagicaDealNumber": "int",  "TRADE\_DATE": "string",  "UNDERLYING\_NAME": "string",  "CURRENCY": "string",  "INSTRUMENT\_NAME": "string",  "EXERCISE\_TYPE": "string",  "OPTION\_TYPE": "string",  "BUY/SELL": "string",  "PRODUCT\_PRICE": "float",  "PRODUCT\_QUANTITY": "float",  "STRIKE": "float",  "MATURITY\_DATE": "string",  "BROKER\_FEES": "float",  "BROKER\_FEES\_CCY": "string",  "CONTRACT": "string",  "MARKET": "string"  }  ],  "Error": "string"  } |

**Specific Output**

|  |  |
| --- | --- |
| **Method** | GET |
| **Content Type** | Application/json |
| **URL** | /ap1/v1/output/FileName/{file\_name}/NormalizationVersion/{normalization\_version}/ModelVersion/{model\_version}/PostProcessingVersion/{post\_processsing\_version}/ |
| **Response** | {  "FileName": "string",  "GeneratedAt": "datetime",  "DocumentCreatedAt": "datetime",  "NormalizationVersion": "string",  "PostProcessingVersion": "string",  "ModelVersion": "string",  "Data": [  {  "ImagicaDealNumber": "int",  "TRADE\_DATE": "string",  "UNDERLYING\_NAME": "string",  "CURRENCY": "string",  "INSTRUMENT\_NAME": "string",  "EXERCISE\_TYPE": "string",  "OPTION\_TYPE": "string",  "BUY/SELL": "string",  "PRODUCT\_PRICE": "float",  "PRODUCT\_QUANTITY": "float",  "STRIKE": "float",  "MATURITY\_DATE": "string",  "BROKER\_FEES": "float",  "BROKER\_FEES\_CCY": "string",  "CONTRACT": "string",  "MARKET": "string"  }  ],  "Error": "string"  } |

**Raw Output**

|  |  |
| --- | --- |
| **Method** | GET |
| **Content Type** | Application/json |
| **URL** | /ap1/v1/rawOutput/FileName/{file\_name}/ |
| **Response** | {  "FileName": "string",  "GeneratedAt": "datetime",  "DocumentCreatedAt": "datetime",  "NormalizationId": "string",  "ModelId": "string",  "Tokens": [  {  "TokenIndex": "int",  "Text": "string",  "PredictedTag": "string"  }  ],  "Error": "string"  } |

**Specific Raw Output**

|  |  |
| --- | --- |
| **Method** | GET |
| **Content Type** | Application/json |
| **URL** | /ap1/v1/rawOutput/FileName/{file\_name}/NormalizationVersion/{normalization\_version}/ModelVersion/{model\_version}/ |
| **Response** | {  "FileName": "string",  "GeneratedAt": "datetime",  "DocumentCreatedAt": "datetime",  "NormalizationId": "string",  "ModelId": "string",  "Tokens": [  {  "TokenIndex": "int",  "Text": "string",  "PredictedTag": "string"  }  ],  "Error": "string"  } |

**Detailed Output**

|  |  |
| --- | --- |
| **Method** | GET |
| **Content Type** | Application/json |
| **URL** | /ap1/v1/detailedOutput/FileName/{file\_name}/ |
| **Response** | {  "FileName": "string",  "GeneratedAt": "datetime",  "DocumentCreatedAt": "datetime",  "NormalizationVersion": "string",  "PostProcessingVersion": "string",  "ModelVersion": "string",  "Data":[  {  "RecordNumber": "int",  "Details":[  {  "FieldName": "string",  "FieldValue": "string",  "FieldType": "string",  "TokenIndices": ["int"],  "Top": "float",  "Bottom": "float",  "Left": "float",  "Right": "float"  }  ]  }  ],  "Error": "string"  } |

**Specific Detailed Output**

|  |  |
| --- | --- |
| **Method** | GET |
| **Content Type** | Application/json |
| **URL** | /ap1/v1/detailedOutput/FileName/{file\_name}/NormalizationVersion/{normalization\_version}/ModelVersion/{model\_version}/ |
| **Response** | {  "FileName": "string",  "GeneratedAt": "datetime",  "DocumentCreatedAt": "datetime",  "NormalizationVersion": "string",  "PostProcessingVersion": "string",  "ModelVersion": "string",  "Data":[  {  "RecordNumber": "int",  "Details":[  {  "FieldName": "string",  "FieldValue": "string",  "FieldType": "string",  "TokenIndices": ["int"],  "Top": "float",  "Bottom": "float",  "Left": "float",  "Right": "float"  }  ]  }  ],  "Error": "string"  } |

Events Emitted

* Model Training Completed

{

"ModelVersion": "string"

}

* Tags Predicted

{

"FileName": "string",

"ModelVersion": "string",

"NormalizationVersion": "string",

"PostProcessingVersion": "string"

}

* Documents Post Processed

{

"FileName": "string",

"ModelVersion": "string",

"NormalizationVersion": "string",

"PostProcessingVersion": "string"

}

Events Consumed

* SDF Normalized
* SDF Annotated
* Reconciliation Completed
* Document Cluster Generated
* Post Processing Rules Updated