# Description of Data

@base <http://ada-lodlace.github.io/>.

@prefix crm: <http://www.cidoc-crm.org/cidoc-crm/>.

@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>.

@prefix tgn: <http://vocab.getty.edu/page/tgn/>.

@prefix viaf: <http://viaf.org/viaf/>.

@prefix xsd: <http://www.w3.org/2001/XMLSchema#>.

@prefix aat: <http://vocab.getty.edu/page/aat/>.

@prefix dbr: <http://dbpedia.org/resource/>.

@prefix dbc: <http://dbpedia.org/resource/Category/>.

@prefix rdac: <http://rdaregistry.info/Elements/c/>.

@prefix rdai: <http://rdaregistry.info/Elements/i/>.

@prefix rdau: <http://rdaregistry.info/Elements/u/>.

@prefix fabio: <http://purl.org/spar/fabio/>.

@prefix oad: <http://culturalis.org/oad#>.

@prefix eac-cpf: <http://culturalis.org/eac-cpf#>.

@prefix oclc: <http://www.worldcat.org/oclc/>.

@prefix dc: <http://purl.org/dc/terms/>.

@prefix foaf: <http://xmlns.com/foaf/0.1/>.

@prefix skos: <http://www.w3.org/2008/05/skos#>.

## Painting depicting Ada

|  |  |  |
| --- | --- | --- |
| Subject | Predicate | Object |
| <production/portrait\_ada> | rdf:type | crm:E12\_Production |
|  | crm:P108\_has\_produced | <object/portrait\_ada> |
|  | crm:P7\_took\_place\_at | tgn:7002445 # England |
|  | crm:P14\_carried\_out\_by | viaf:76580356 # Alfred Edward Chalon |
|  | crm:P4\_has\_time-span | “1840”^^xsd:gYear |
| <object/portrait\_ada> | crm:P102\_has\_title | “Portrait of Ada, Countess of Lovelace”^^xsd:string |
|  | crm:P2\_has\_type | aat:300015637 # portrait |
|  | crm:P32\_used\_general\_technique | aat:300053363 # aquarelle |
|  | crm:P50\_has\_current\_keeper | viaf:130803673 # Science Museum (Great Britain) |
|  | crm:P62\_depicts | <person/ada\_lovelace> |

Obituary portrait of Charles Babbage

|  |  |  |
| --- | --- | --- |
| Subject | Predicate | Object |
| <production/facsimile\_babbage> | rdf:type | crm:E12\_Production |
|  | crm:P108\_has\_produced | <object/facsimile\_babbage> |
|  | crm:P7\_took\_place\_at | tgn:7008136 # London |
|  | crm:P4\_has\_time-span | “1871-11-04”^^xsd:date |
| <object/facsimile\_babbage> | crm:P102\_has\_title | “Portrait of Charles Babbage”^^xsd:string |
|  | crm:P2\_has\_type | aat:300121391 # facsimiles |
|  | crm:P50\_has\_current\_keeper | viaf:308763092 # Digitale Mechanismen- und Getriebebibliothek |
|  | crm:P62\_depicts | <person/charles\_babbage> |
|  | dc:publisher | viaf:128325409 # Illustrated London News |

Analytical Engine's trial model

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| Subject | Predicate | Object |
| <production/model\_analytical\_engine> | rdf:type | crm:E12\_Production |
|  | crm:P108\_has\_produced | <object/model\_analytical\_engine> |
|  | crm:P7\_took\_place\_at | tgn:7008136 # London |
|  | crm:P14\_carried\_out\_by | <person/charles\_babbage |
|  | crm:P4\_has\_time-span | “1871”^^xsd:gYear |
| <object/model\_analytical\_engine> | crm:P102\_has\_title | “Babbage's Analytical Engine, 1834-1871. (Trial model)”^^xsd:string |
|  | crm:P2\_has\_type | aat:300047753 # models |
|  | crm:P45\_consists\_of | aat:300010900 # metal |
|  | crm:P62\_depicts | dbr:Analytical\_Engine |

Printed book about the Analytical Engine

|  |  |  |
| --- | --- | --- |
| Subject | Predicate | Object |
| <production/sketch\_analytical\_engine> | rdf:type | crm:E12\_Production |
|  | crm:P108\_has\_produced | <object/sketch\_analytical\_engine> |
|  | crm:P7\_took\_place\_at | tgn:7002445 # London |
|  | crm:P14\_carried\_out\_by | <person/luigi\_federico\_menabrea> |
|  | crm:P4\_has\_time-span | “1843”^^xsd:gYear |
| <object/sketch\_analytical\_engine> | rdf:type | rdac:Item.en |
|  | rdai:titleOfItem.en | “Sketch of the Analytical Engine invented by Charles Babbage ... with notes by the translator. Extracted from the 'Scientific Memoirs, ' etc.”^^xsd:string |
|  | rdai:categoryOfItem.en | fabio:Book |
|  | rdau:publisher.en | viaf:129445994 # R. & J. E. Taylor |
|  | rdau:subject.en | dbr:Analytical\_Engine |
|  | rdau:subject.en | <person/charles\_babbage> |
|  | rdai:custodianCorporateBody.en | viaf:121814978 # British Library, London |
|  | rdau:translator.en | <person/ada\_lovelace> |
|  | rdau:annotator.en | <person/ada\_lovelace> |
|  | rdau:notesOnItem.en | “The translator's notes signed: A.L.L. ie. Augusta Ada King, Countess Lovelace in which she describes the first algorithm in history.”^^xsd:string |
|  |  |  |

Movie about Ada Lovelace

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| --- | --- | --- |
| Subject | Predicate | Object |
| <production/movie\_ada> | rdf:type | crm:E12\_Production |
|  | crm:P108\_has\_produced | <object/movie\_ada> |
|  | crm:P7\_took\_place\_at | tgn:7012149 # United States |
|  | crm:P14\_carried\_out\_by | viaf:96194408 # Hershman-Leeson, Lynn |
|  | crm:P4\_has\_time-span | “1999”^^xsd:gYear |
| <object/movie\_ada> | rdf:type | rdac:Item.en |
|  | rdai:titleOfItem.en | “Conceiving Ada”^^xsd:string |
|  | rdai:categoryOfItem.en | fabio:Film |
|  | rdau:publisher.en | viaf: 135244988 #Microcinema, Inc. |
|  | rdai:custodianCorporateBody.en | viaf: 977145857891723021009 # Los Angeles., County Museum of Art |
|  | rdau:subject.en | dbc:History\_of\_computing |
|  | rdau:subject.en | <person/ada\_lovelace> |
|  | ebucore:hasGenre | aat:300375155 # Sci-Fi |
|  | ebucore:hasCrewMember | viaf:117443790 # Swinton, Tilda |

Ada’s Letter “Dear Babbage”

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| Subject | Predicate | Object |
| <production/letter> | rdf:type | crm:E12\_Production |
|  | crm:P108\_has\_produced | <object/letter\_ada> |
|  | crm:P14\_carried\_out\_by | <person/ada\_lovelace> |
|  | crm:P7\_took\_place\_at | tgn:7002445 #England |
|  | crm:P4\_has\_time-span | “1844”^^xsd:gYear |
| <object/letter\_ada> | rdf:type | rdac:Item.en |
|  | rdai:titleOfItem.en | “Autograph letter signed : Ashley-Combe, to [Charles Babbage?], "Tuesday" [1844?] Oct. 22 .”^^xsd:string |
|  | rdai:categoryOfItem.en | fabio:Letter |
|  | rdai:relatedPersonOfItem.en | <person/charles\_babbage> |
|  | rdai:containedInItem.en | http://www.worldcat.org/oclc/270134641 #Collection of autograph signed letters by Lord Byron, Lady Byron, family members and friends : England, 1788-1855. |
|  | rdau:subject.en | “Analytical Engine”^^xsd:string |
|  | rdai:custodianCorporateBody.en | viaf:139537973 # Morgan Library & Museum |

## Photography of Menabrea, Luigi Federico

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| --- | --- | --- |
| <production/photograph\_menabrea> | rdf:type | crm:E12\_Production |
|  | crm:P108\_has\_produced | <object/photograph\_menabrea> |
| <object/photograph\_menabrea> | oad:title | “Menabrea Luigi Federico”^^xsd:string |
|  | oad:isContainedIn | “Album Fotografico XIX 3° Quarto”^^xsd:string |
|  | oad:isEntryOf | viaf:134803317 # Istituto per la Storia del Risorgimento Italiano |
|  | oad:hasExtentType | aat:300046300 # photographs |
|  | eac-cpf:involves | <person/luigi\_federico\_menabrea> |

## Ada’s Doodle

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| --- | --- | --- |
| <production/doodle> | rdf:type | crm:E12\_Production |
|  | crm:P108\_has\_produced | <object/doodle\_ada> |
|  | oad:isProducedBy | “Ida Mayer”^^xsd:string |
|  | crm:P4\_has\_time-span | “2012”^^xsd:gYear |
| <object/doodle\_ada> | oad:title | “Ada Lovelace’s 197th Birthday”^^xsd:string |
|  | oad:isEntryOf | viaf:124291214 #Google |
|  | oad:hasExtentType | aat:300386810 #digital art |
|  | eac-cpf:involves | <person/ada\_lovelace> |

## Scientific Journal on Artificial Intelligence

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| --- | --- | --- |
| <production/journal\_ai> | rdf:type | crm:E12\_Production |
|  | crm:P108\_has\_produced | <object/journal\_ai> |
|  | oad:isProducedBy | viaf:17038361 #Mark O. Riedl |
|  | crm:P4\_has\_time-span | “2014-12-22”^^xsd:date |
| <object/journal\_ai> | oad:title | “The Lovelace 2.0 Test of Artificial Creativity and Intelligence”^^xsd:string |
|  | oad:isContainedIn (oad:scopeAndContent? But not in E/R) | “Computer Science”^^xsd:string |
|  | oad:isEntryOf | oclc:228652809 #arxiv.org |
|  | oad:hasExtentType | fabio:JournalArticle |
|  | oad:scopeAndContent | dbr:Artificial\_intelligence |
|  | dc:relation | <object/sketch\_analytical\_engine> |

## Draft of the Analytical Engine

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| --- | --- | --- |
| <production/draft\_analytical\_engine> | rdf:type | crm:E12\_Production |
|  | crm:P108\_has\_produced | <object/draft\_analytical\_engine> |
|  | crm:P7\_took\_place\_at | tgn:7002445 # England |
|  | crm:P14\_carried\_out\_by | <person/charles\_babbage> |
|  | crm:P4\_has\_time-span | “1833-1848”^^xsd:string |
| <object/draft\_analytical\_engine> | crm:P102\_has\_title | “Analytical Engine Plan 28. Scale 1/6. Draft”^^xsd:string |
|  | crm:P2\_has\_type | aat:300026931 #drafts |
|  | crm:P50\_has\_current\_keeper | viaf:130803673 # Science Museum (Great Britain) |
|  | crm:P62\_depicts | <object/model\_analytical\_engine> |

Augusta Ada King Byron, Countess of Lovelace

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| --- | --- | --- |
| Subject | Predicate | Object |
| <person/ada\_lovelace> | rdf:type | foaf:Person |
|  | foaf:name | “Lovelace, Ada King, Countess of, 1815-1852”^^xsd:string |
|  | eac-cpf:hasPlace | tgn:7002445 # England |
|  | eac-cpf:existDates | “1815-1852”^^xsd:string |
|  | foaf:knows | <person/luigi\_federico\_menabrea> |
|  | foaf:knows | <person/charles\_babbage> |
|  | dc:subject | dbr:History\_of\_computing\_hardware |
|  | dc:subject | dbc:Women\_computer\_scientists |
|  | dc:subject | dbr:Analytical\_Engine |
|  | dc:subject | dbr:Artificial\_intelligence |
|  | owl:sameAs | https://eu.dbpedia.org/page/Ada\_Lovelace |
|  | owl:sameAs | viaf: 61632881 |

Charles Babbage

|  |  |  |
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| Subject | Predicate | Object |
| <person/charles\_babbage> | rdf:type | foaf:Person |
|  | foaf:name | “Babbage, Charles, 1791-1871.”^^xsd:string |
|  | eac-cpf:hasPlace | tgn:7002445 # England |
|  | eac-cpf:existDates | “1791-1871”^^xsd:string |
|  | foaf:knows | <person/luigi\_federico\_menabrea> |
|  | foaf:knows | <person/ada\_lovelace> |
|  | dc:subject | dbr:History\_of\_computing\_hardware |
|  | dc:subject | dbc:Mathematicians\_from\_London |
|  | dc:subject | dbr:Analytical\_Engine |
|  | owl:sameAs | dbr:CharlesBabbage |
|  | owl:sameAs | viaf: 4963723 |

Luigi Federico Menabrea

|  |  |  |
| --- | --- | --- |
| Subject | Predicate | Object |
| <person/luigi\_federico\_menabrea> | rdf:type | foaf:Person |
|  | foaf:name | “Luigi Federico Menabrea, 1809-1896”^^xsd:string |
|  | eac-cpf:hasPlace | tgn:1000080 # Italy |
|  | eac-cpf:existDates | “1809-1896”^^xsd:string |
|  | foaf:knows | <person/charles\_babbage> |
|  | foaf:knows | <person/ada\_lovelace> |
|  | dc:subject | dbr:History\_of\_computing\_hardware |
|  | dc:subject | dbc:Italian\_mathematicians |
|  | dc:subject | dbr:Analytical\_Engine |
|  | dc:subject | dbc:Prime\_Ministers\_of\_Italy |
|  | owl:sameAs | dbr:Luigi\_Federico\_Menabrea |
|  | owl:sameAs | viaf:50029341 |