

**Thai rice project**

**Presented**

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**By**

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1. **Class**



1. **Data property**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Property Name** | **Domain** | **Range** |
| 1 | hasImage | ThaiRice | xsd:string |
| 2 | hasInfo | Environtment | xsd:string |
| 3 | hasProduct | ThaiRice | xsd:int |
| 4 | isPhysicalEngName | Physical | xsd:string |
| 5 | isPhysicalThaiName | Physical | xsd:string |
| 6 | isRiceAdvantageEngName | Advantage | xsd:string |
| 7 | isRiceAdvantageThaiName | Advantage | xsd:string |
| 8 | isRiceAttributeEngName | Attributes | xsd:string |
| 9 | isRiceAttributeThaiName | Attributes | xsd:string |
| 10 | isRiceEngName | ThaiRice | xsd:string |
| 11 | isRiceThaiName | ThaiRice | xsd:string |
| 12 | isRaceLandEng | Landrace | xsd:string |
| 13 | isRaceLandThai | Landrace | xsd:string |
| 14 | isRiceTypeEngName | TypeRice | xsd:string |
| 15 | isRiceTypeThaiName | TypeRice | xsd:string |

1. **Object property**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Object Name** | **Domain** | **Range** |
| 1 | beAdvantage | ThaiRice | Advantage |
| 2 | beAttribute | ThaiRice | Attributes |
| 3 | beEcosystem | Attributes | Ecosystem |
| 4 | beLandrace | ThaiRice | Landrace |
| 5 | beLeaf | ThaiRice | Leaf |
| 6 | beRegion | ThaiRice | Region |
| 7 | beRespond | Attributes | Respond |
| 8 | beSeed | ThaiRice | Seed |
| 9 | beStem | ThaiRice | Stem |
| 10 | beType | ThaiRice | TypeRice |

1. **SPARQL และ/หรือ SQWRL**
   1. SQWRL - จำนวนพันธุ์ข้าวทั้งหมด
      1. ThaiRice(?s) -> sqwrl:count(?s)
   2. SQWRL - สภาพแวดล้อมแต่ละแบบมีพันธุ์ข้าวจำนวนละกี่ชนิด
      1. beAttribute(?s, ?c) -> sqwrl:select(?c) ^ sqwrl:count(?s)
2. **Reference**
   1. **YouTube Present:**
   2. **GitHub Project** :
   3. **Information Web :** สำนักวิจัยและพัฒนาข้าว-กรมการข้าว. [ออนไลน์]. เข้าถึงได้จาก : <http://www.ricethailand.go.th/Rkb/>. (วันที่ค้นข้อมูล : 19 มิถุนายน 2564).