

New Functionality of WIS

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Agenda

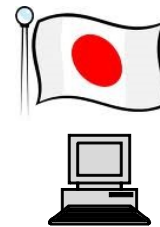
- ▶ Welcome
- ▶ Story of demonstration
- ▶ Live Demo
- ▶ Message Flow
- ▶ Q & A

1. Initial Search

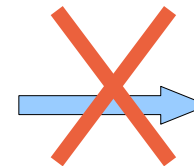
- ▶ Mr. Yamada, from Japan, is an expert of agriculture drought monitoring and forecast.
- ▶ Now he want some temperature forecast grid data, so he searches “**temperature forecast grid data**” at GISC Tokyo portal, but unfortunately he finds no good result.
- ▶ Mr. Yamada retreats for lunch to recover from the unsuccessful search.



GISC Beijing



GISC Tokyo



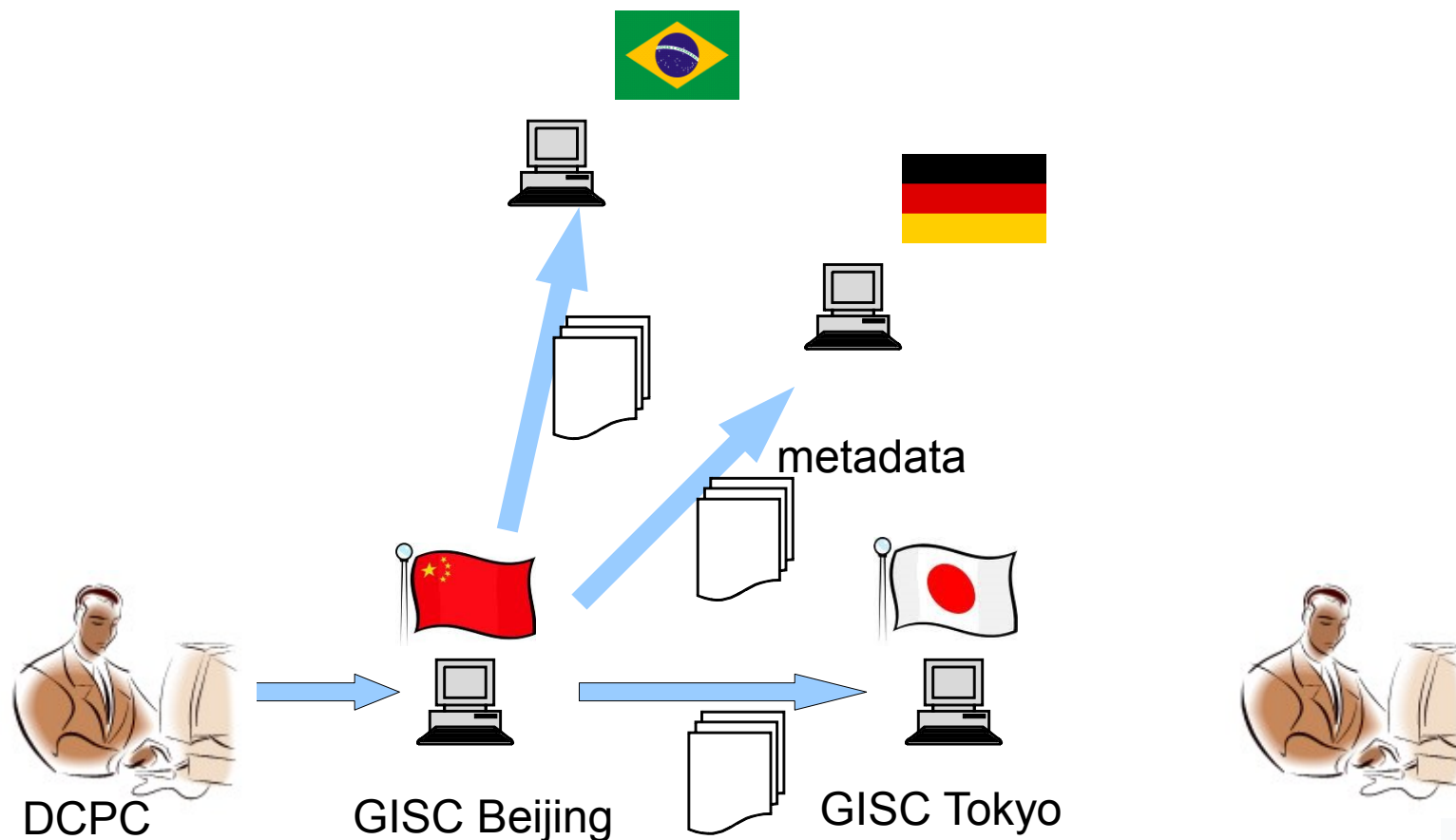
2. Metadata Input

- ▶ Meanwhile in China, Mr. Chen, the data manager of CMA TIGGE archive center, wants to publish his temperature forecast data on WIS.
- ▶ He logs in CMA's WIS portal, creates a new metadata to describe his data, and submit it to CMA's WIS system.
- ▶ Successful upload can be checked by search at CMA WIS portal



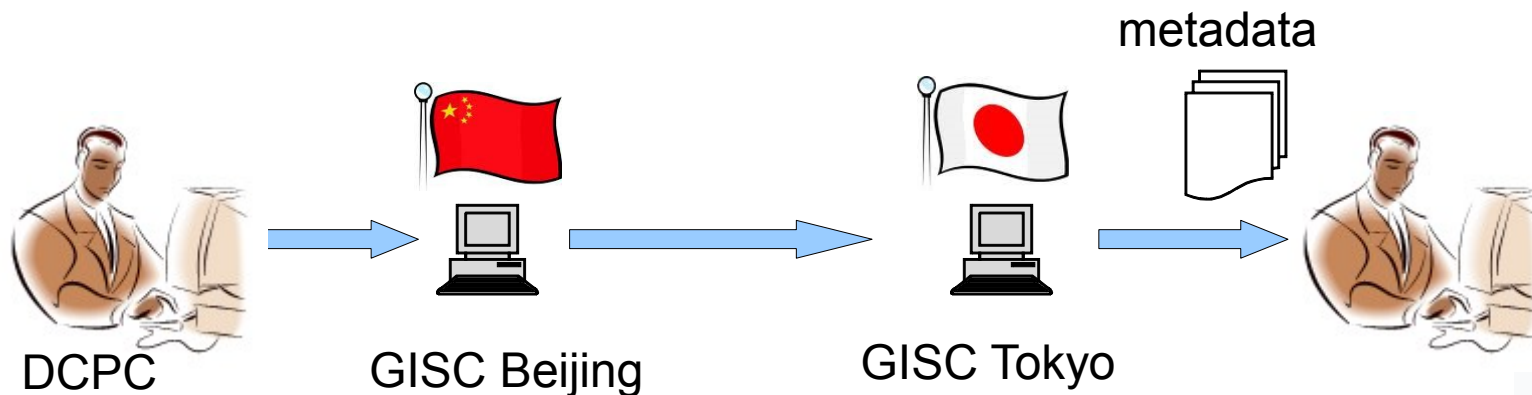
3. Metadata Synchronisation

- ▶ Other GISC (JMA, DWD, INMET) implementations synchronize their catalogue with CMA.



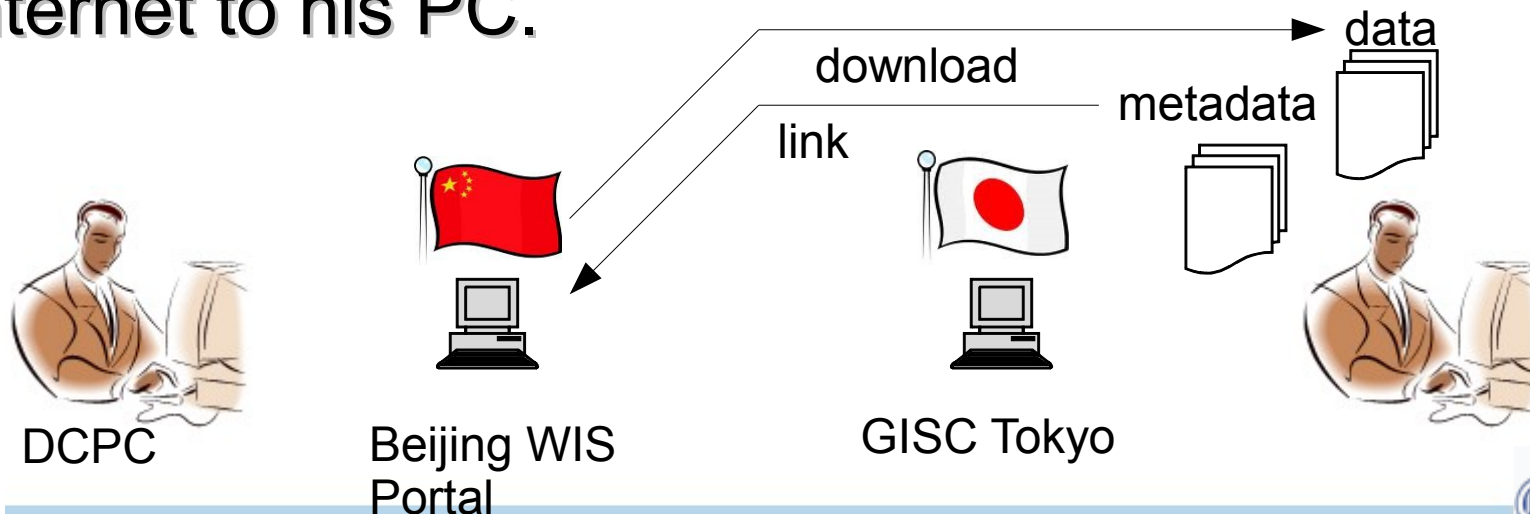
4. Successful Search

- ▶ Back in Japan, Mr. Yamada has come back from lunch and issues the same search as before in Tokyo GISC portal again.
- ▶ He now finds the Metadata record uploaded by Mr. Chen.



5. Data Retrieval

- ▶ Mr. Yamada examines the Metadata record, and he sees that the corresponding data can be requested from the data request page of Beijing WIS portal.
- ▶ He goes to the portal and, since the data is access restricted, is asked to login. Working closely with CMA, he has an account which he uses to login.
- ▶ He then successfully downloads the data via the internet to his PC.



6. Data Subscription

- ▶ Mr. Yamada is interested in receiving the forecast data on a continuous basis. He thus subscribes to the data subscription service. He find that only FTP upload service is provided, so he inputs his FTP account, and submit the subscription. Two days later, he will receive the data on a continuous basis.

